

# EXPANDED SITE INVESTIGATION (ESI) REPORT

Buckley Towing Akron, Summit County, Ohio

U.S. EPA ID: OHSFN0507981 September, 2003

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RE: ESI Report Buckley Towing Summit County CERCLIS # OHSFN0507981

Ms. Laura Ripley U.S. EPA Region V SE - 4J 77 West Jackson Boulevard Chicago, IL 60604

Dear Ms. Ripley:

The Ohio EPA Division of Emergency and Remedial Response has completed the ESI for Buckley Towing, a site listed in the Ohio EPA/U.S. EPA Cooperative Agreement for FFY 2003. Enclosed for your review are the ESI report, abbreviated PreScore package, and transmittal memorandum.

If you have any questions or need additional information, please contact me at (614) 836-8759.

Sincerely,

Wendy Vorwerk

Ohio EPA

Division of Emergency and Remedial Response

**Enclosures** 

# EXPANDED SITE INVESTIGATION (ESI) REPORT

for

Buckley Towing Akron, Summit County, Ohio U.S. EPA ID: OHSFN0507981

OHIO ENVIRONMENTAL PROTECTION AGENCY
Division of Emergency & Remedial Response
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216

September, 2003

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## 1.0 EXECUTIVE SUMMARY

The Ohio Environmental Protection Agency (Ohio EPA) Division of Emergency and Remedial Response (DERR) entered into a cooperative agreement with the United States Environmental Protection Agency (USEPA) Region V to conduct an Expanded Site Inspection (ESI) of the Buckley Towing site (Site). The purpose of the ESI is to further investigate contamination detected during the Preliminary Assessment / Site Inspection conducted in September 2001. This report presents the sampling data obtained through the investigation, as well as possible receptors as stated under the Hazard Ranking System (HRS) rule (1).

The Work Plan for this ESI was approved by USEPA on November 21, 2002. The sampling was conducted on January 6<sup>th</sup> and 7<sup>th</sup>, 2003. A total of 30 samples including duplicates were collected from the soils, ground water and residential wells. The soil and ground water samples were analyzed through the USEPA Contract Laboratory Program(CLP) for volatile organic compounds (VOCs) and Target Analyte List (TAL) metals. The organic fractions of the residential well samples were sent through CLP for low level VOC analysis, and the inorganic fractions were set to the Central Regional Laboratory (CRL) for low level TAL metal analysis.

Significant results include trichloroethene (TCE) lead and nickel. Under the Hazard Ranking System Rule (1), results are considered "significant" if they are three times the background sample results and above the Contract Required Detection Limit (CRDL) or Contract Required Quantitation Limit (CRQL).

One residential well sample detected TCE at 10 ppb, twice the National Primary Drinking Water Standards (6) Maximum Contaminant Level (MCL) of 5 ppb. TCE was not detected in soil or ground water samples on the site during this investigation. Elevated levels of TCE were not detected during the previous PA/SI Report completed May 10, 2002. TCE was, however, detected in low levels (1.4 ppb) from the monitoring wells during a sampling event conducted by Ohio EPA on January 19, 2000. There were no other elevated detections of VOCs at the site.

Lead was found at elevated levels in nine out of the ten on-site soil samples. The results ranged from 531 ppm to 6,260 ppm. Four households had lead levels ranging from 22.5 ppb to 34.9 ppb. The National Primary Drinking Water Standards(6) Treatment Technique Action Level for lead is 15 ppb. One household also had nickel detected at 210 ppb, which exceeds the MCL of 100 ppb. One of the homes with elevated lead levels appears to be up gradient of the Site. Lead was not detected in the ground water from the two on-site monitoring wells.

There was no lead detected in the on-site monitoring wells, and it was found sporadically in the residential wells. Although it is a possibility TCE was on-site at one time, there is no evidence to support a current on-site source.

#### 2.0 SITE BACKGROUND

# 2.1 Site Description

The Buckley Towing Site is a former junk yard located at 2977 Manchester Rd, Coventry Township, Summit County, Ohio. (Figure 1)(2). The Site is now a vacant, vegetated lot and is approximately 1 acre in size. There are two monitoring wells located on Site, and two soil piles remaining from the Coventry Township clean up action. The Site is bordered by residential properties to the north, south, and east. Manchester Road borders the Site to the west; with residential and commercial properties across Manchester Road. The Site is fenced with a locked gate.

The vast majority of residential properties around the site utilize private ground water wells. There are also numerous public ground water systems within a four mile radius of the site. The City of Akron water supply is obtained from surface water sources outside of the watershed. Public drinking water is available in the area and most of the businesses along Manchester Road utilize the public system.

The nearest water body is the Long Lake channel which is located about 1,000 feet to the north and east of the Site. This is part of the Portage Lake system.

## 2.2 Site History

Buckley Towing is the location of a junk yard which operated from the 1940's until 1999. Robert Buckley owned the property until his death in 1997. His heirs are his sons Ernie Buckley and Ed Buckley. There is a large tax lien on the property. The property is in probate and is now for sale.

A historic time line follows (3):

10/2/1998 - A letter was sent to the Ohio EPA from the Summit County Health Department discussing 11 residential wells that were sampled by the Summit County Health Department near the Buckley Towing site. Two of the wells had TCE detected at 0.6 ppb and 11 ppb.

9/8/1999 - After a lengthy litigation, the Summit County Common Pleas Court issued an Agreed Judgment Entry permitting Coventry Township to initiate clean up actions at the property. The Township received a \$75,000 grant from the Summit County Solid Waste Management Authority for clean up of 20,000+ tires, scrap metal, and other solid waste at the site.

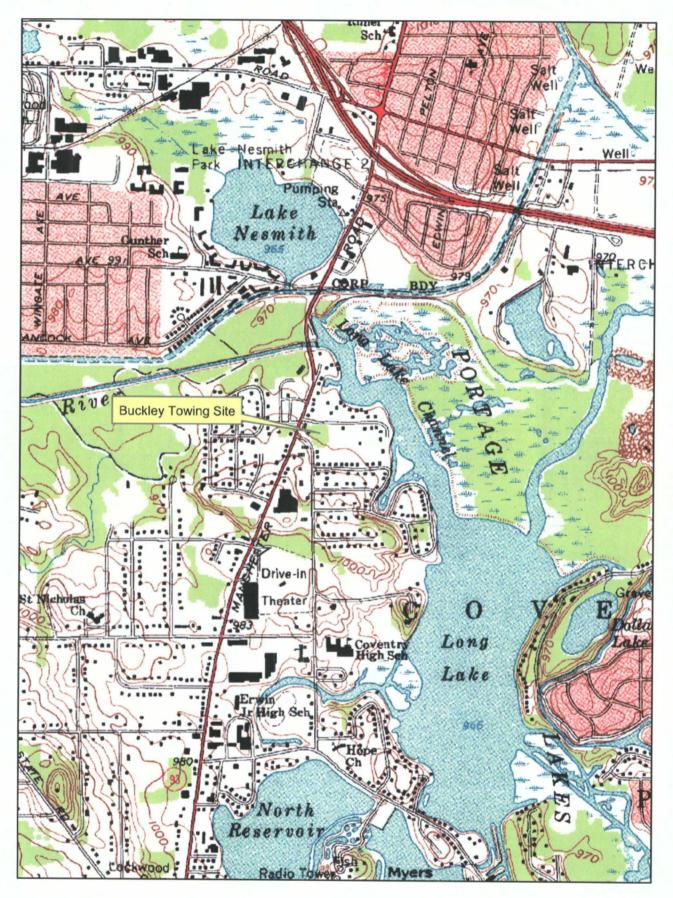
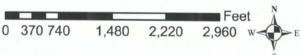


Figure 1: Buckley Towing Site Location Map Akron West Quadrangle



11/17/1999 - A complaint to the Ohio EPA was filed by the Summit County Health Department about 10 leaking drums found on Site that smelled of solvents. The \$75,000 clean up grant did not provide the resources to dispose of hazardous wastes.

11/1999 - Coventry Township completed the solid waste clean up of the Site.

12/15/1999 - The complaint inspection was conducted by the Ohio EPA. A total of twenty six (26) 55 gallon drums were inventoried, as well as 9 smaller containers. Most of the drums were deteriorating and some were leaking.

12/16/1999 - The Ohio EPA received a letter from the Summit County Health Department stating that the contaminated soils were piled and left on Site after the clean-up.

1/5/2000 - The Ohio EPA requested the assistance from the USEPA for an Emergency Removal at the site.

1/19/2000 - Ohio EPA collected 11 samples from the on-site drums; two soil pile samples; two residential well samples; and two on-site wells. Results from the drum samples showed TCLP levels of lead, barium and 2-butanone. The on-site wells contained low levels of TCE (1.4 ppb), Benzene, toluene, chloromethane, and methylene choride. The residential wells also showed low levels of chloromethane, methylene choride, benzene, and TCE. However, the TCE levels in one of the wells was 11 ppb, above the MCL.

3/13/2000 - The USEPA conducted a site assessment of the property.

6/14/2000 - The USEPA conducted an emergency removal of the drums on the property. The drum removal was completed on 7/20/2000.

9/26/2001 - Sampling for the Preliminary Assessment/Site Investigation (PA/SI) was conducted by the Ohio EPA.

5/10/2002 - The PA/SI report was completed. Significant results included trichloroethene (TCE) detected at 15 ppb in one residential well down gradient of the Site. Lead was detected in two other residential water samples at 42.3 and 12 ppb. Elevated levels of lead were also detected in the on-site soils.

# 2.3 Geological and Hydrogeological Setting

The surficial soil consists of the Chili-Urban land complex, undulating. This mapping unit consists of areas where the original Chili soils have been largely destroyed or covered by grading and digging. Most areas are used for urban or industrial development. Borrow or fill areas make up 50 to 75 percent of the mapping unit, but the soils are undisturbed in

undeveloped lots, in the back part of developed lots, and in small patches of woodland (11). Fill areas typically consists of about 1 to 3 feet of fill material overlying Chili soils or inclusions of Bogart or Oshtemo soils. The fill is loamy material from the subsoil of Chili soils or, in some places, gravelly material. In the borrow areas, the subsoil of these soils or sand and gravel are exposed (11).

The surface layer of the disturbed soil commonly has a low organic-matter content and poor tilth. It is dry, and seed germination is generally poor. The hazard of erosion is severe, particularly if the soil is bare of vegetation during construction. Bare areas produce large amounts of sediment and runoff. Other than slope, the mapping unit has few limitations for most non-farm uses (11).

Most of the glacial drift in this area is of early Wisconsin (or Tazewell) age. This drift was deposited by ice advancing southeastward. The area is primarily ground moraine deposits. Typically this consists of gently, undulating to hilly, bedrock-controlled topography. Coarse, stony, sandy till is characteristic. This includes small areas of hummocky topography in which drift is more gravelly (12).

Most of the bedrock surface as Mississippian in the area is the Cuyahoga group consisting of alternating sandstone and shale. Sandstones may be massive or they may be thin bedded and contain thin layers of shale. They vary from 5 to 50 feet in thickness. The shales generally contain thin, platey layers of sandstone, although in places they maybe massive and attain a thickness of more than 100 feet. Ground water generally is obtained from sandstones which yield 5 to 10 gpm (12).

The "Land Areas in Summit County, Ohio, Geologic Suitability for Solid-Waste Disposal," map, (13) identifies this area as unsuitable for solid waste disposal. These sand and gravel units should be excluded as possible waste-disposal sites because of their high permeability, their function as important aquifers or ground-water recharge units, and their hydraulic connections with surface water and with other aquifers.

#### 2.4 Ground Water Flow Direction

Based on the location and relief of the bedrock, it appears there is a northward component flow direction. This could not be verified, as the area is relatively flat and lacks the necessary monitoring wells to measure static water levels to ascertain flow direction.

## 3.0 SAMPLING LOCATIONS AND RESULTS

A total of 30 samples, including duplicates were collected during the January 2003 investigation. The location of the ground water samples are shown on **Figure 2**, and the location of the soil and residential well samples are shown **Figure 3**. Standard Quality Assurance and Quality Control (QA/QC) procedures for field activities were followed during the investigation. All samples were collected, packaged, and shipped following the Quality Assurance Project Plan (QAPP) for Region V Superfund Site Inspection Activities for Ohio EPA and with Ohio EPA Standard Operating Procedures (5).

The soil and ground water monitoring well samples analyzed through the USEPA Contract Laboratory Program (CLP) for volatile organic compounds (VOCs), and the Target Analyte List (TAL) metals. The Geoprobe<sup>TM</sup> ground water samples were analyzed for VOC's only. The organic fraction of the residential well samples were analyzed though CLP for low level VOC's, and the inorganic fraction was sent to the Central Regional Laboratory (CRL) for low level TAL metal analysis.

Complete analytical results of this investigation are contained in **Appendix A**. Significant results based on these data are summarized in **Tables 1 through 3**. Under the Hazard Ranking System Rule (1), results are considered significant if they are three times the background sample results and above the Contract Required Detection Limit (CRDL) or Contract Required Quantitation Limit (CRQL).

## 3.1 Soil Samples

Nine soil samples and one duplicate sample, were collected on-site. The background soil sample used was collected during the PA/SI investigation at Nesmith Lake Park located on Manchester Road about two miles north of the Site. The sample was collected at this park because the soil appeared to be native and not as heavily impacted as other areas.

The significant results for the soil samples can be found in **Table 1**. There were no VOC's detected in any of the soil samples. Fairly high levels of lead were found in most of the onsite soil samples. Ohio EPA's Voluntary Action Program (VAP) has generic direct-contact standards for lead. The lead standard for residential land use is 400 ppm, 1800 ppm for commercial/Industrial land use and 1600 ppm for construction and excavation activities(15). Several of the lead results were above one or all of these standards. **Figure 4** shows the soil sample locations with the lead results.



120 Feet

- Monitoring Well
- Geoprobe Groundwater Sample
- Geoprobe Refusal



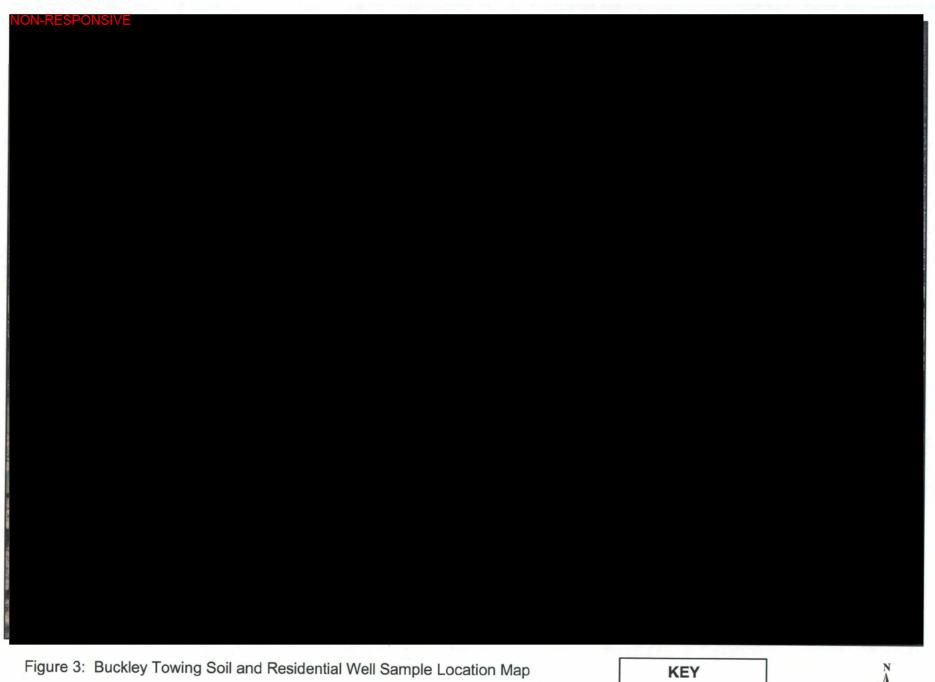


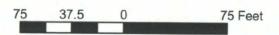
Figure 3: Buckley Towing Soil and Residential Well Sample Location Map







Figure 4: Soil Sample Locations and Lead Results





Soil Sample Location



Table 1: Significant Soil Sample Results

Sample Number:	ME0578		ME0579		ME0580		ME0581		ME0582	
Sampling Location :	SO-01		SO-02		SO-03 / dup	of 02	SO-04		SO-05	
Matrix:	Soil		Soil		Soil		Soil		Soil	
Units:	ma/Ka		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	01/07/2003		01/07/2003		01/07/2003		01/07/2003		01/07/2003	
Time Sampled :	13:40	_	13:45		14:00		14:35		15:15	
%Solids :	77.2		72.7		80.0		78.6		78.7	
Dilution Factor:	1.0		1.0		1.0		1.0		1.0	
Analyte	Result	Flag	Result Flag		Result	Flag	Result	Flag	Result	Flag
Antimony							46.1	J		
Barium	217		226		208		628		477	
Beryllium			1.3							
Cadmium	8.6		8.8		7.2		12.9		5.9	
Calcium	6320	J	6330	J	9100	J			13700	J
Chromium	38.0		47.9		32.1		32.9		32.8	
Cobalt			13.9							
Copper	305		266				410			
Iron	93800		120000		74300		60500		52900	
Lead	1860	J	656	J	666	J	6260	J	668	J
Manganese							1030			
Mercury	0.22		0.17		0.15		0.10		0.18	
Nickel	82.3	J	76.9	J	59.3	J	98.5	J	74.3	J
Silver	2.7		2.6		2.7		2.3		2.9	1
Zinc	1330		1170		1 260		2780	J	1230	

Sample Number:	ME0583		ME0584		ME0585		ME0586		ME0587	
Sampling Location :	SO-06		SO-07		SO-08		SO-09		SO-10	
Matrix:	Soil		Soil		Soil		Soil		Soil	
Units:	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Date Sampled :	01/07/2003		01 /07/2003		01/07/2003		01/07/2003		01/07/2003	
Time Sampled :	15:45		16:20		16:00		16:30		17:00	
%Solids:	79.3		78.7		77.0		79.0		71.0	
Dilution Factor:	1.0		1.0		1.0		1.0		1.0	
Analyte	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Antimony							69.5	J		
Barium	241		226		179		1290		295	
Beryllium			3.1				1.6			
Cadmium	4.6		5.7		2.0		21.5		9.2	
Calcium	14200	J	28300	J	1300	J	2430	J	2000	J
Chromium	26.2		28.2				31.9		35.4	
Copper							633			
Iron	45200		41600				52900		88700	
Lead	684	J	531	J			1290	J	601	J
Magnesium	5500	J								1
Mercury	0.18						0.22			
Nickel	45.2	J	49.7	J			132	J	115	J
Selenium										
Silver	4.5						2.2		2.1	
Vanadium			25.1							

# 3.2 Ground Water Samples

Seventeen ground water samples were collected during the ESI investigation. Fourteen samples were collected using the Geoprobe<sup>TM</sup> and analyzed for VOC's only. Two samples and one duplicate were collected from the two on-site monitoring wells and analyzed for TCL organics and TAL metals.

There are no well logs, construction details, or date of installation for the on-site monitoring wells. They appeared to be in adequate condition with exception of poor fitting caps. The caps were duct taped to create a water tight seal. The depths of the wells were measured at 40.35 feet for the east well and 38.65 feet for the southwest well.

The Geoprobe<sup>™</sup> ground water samples were collected as deep as possible. Because of the geology of the Site, the Geoprobe<sup>™</sup> was only able to penetrate down to 15 feet. There were several areas where refusal was reached before water was reached. The ground water sample locations, along with the sample depths can be found on **Figure 5**.

The significant results for the ground water samples can be found in **Table 2.** The background sample used to determine significants was the background residential well samples (RW-6 and RW-7). For the monitoring well samples, there were no significant organic results. Significant inorganic results are limited to calcium, iron, magnesium, manganese, potassium, sodium and zinc. Nickle was found at 15.6 and 18.7 ppb. For the Geoprobe™ samples, the only significant result is 1,1-Dichloroethane detected at 12 ppb in sample GW-13. This sample was collected on the property of the home with TCE detected in the well.

**Table 2: Significant Ground Water Sample Results** 

Sample Number :	ME0555		ME0556		ME0557		E0600		
Sampling Location :	MVV-1		MVV-2		MW-5 (Dup of	f MVV-2)	GW-13		
Matrix:	Water		Water		Water		Water		
Units:	ug/L		ug/L		ug/L		ug/L		
Date Sampled :	01/07/2003		01/07/2003		01/07/2003		01 /07 /2003		
Time Sampled :	11:00		12:10		12:20		08:55		
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	
1.1-Dichloroethane							12		
Analyte	Result	Flag	Result	Flag	Result	Flag	Result	Flag	
Calcium	158000		51700	_	531 00		_		
Iron	365		20900		21300		_		
Magnesium	44700		13600	-	14000				
Manganese	40.5		1100		1130				
Potassium	12700	J	3950		4030				
Sodium	273000	J	41700	J	42900	J	1		
Zinc	23.9								



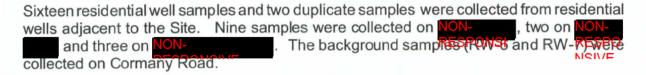
Figure 5: Buckley Towing Ground Water Sample Depth

120 60 0 120 Feet

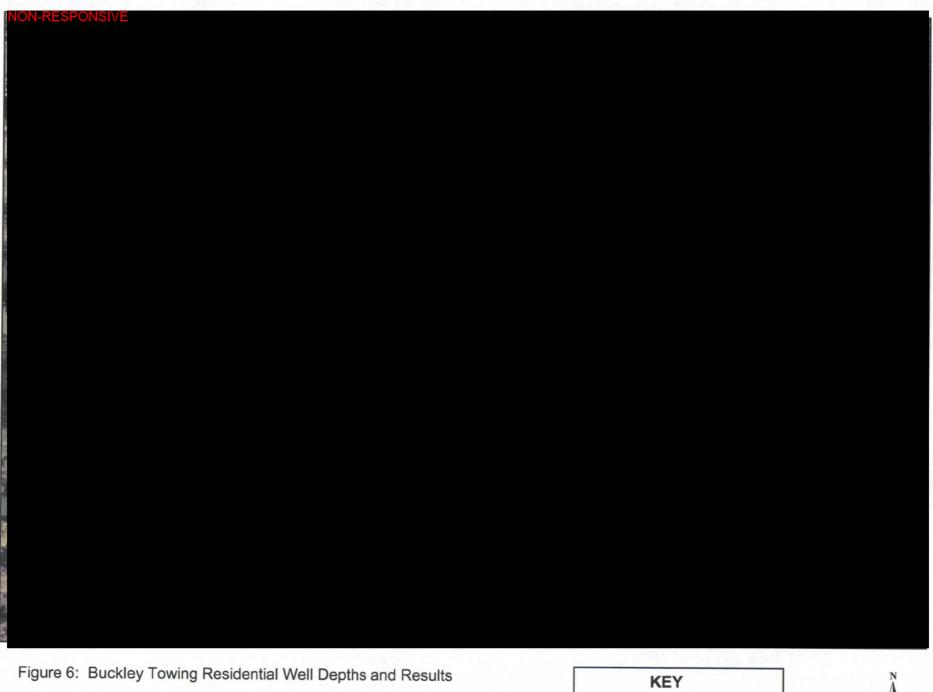
- Monitoring Well
- Geoprobe Groundwater Sample
- Geoprobe Refusal



# 3.3 Residential Well Samples



The significant results for the residential well samples can be found in **Table 3.** Three contaminants, lead, nickel, and trichloroethene (TCE), were found in concentrations that exceed the National Primary Drinking Water Standards(6). One household, sample RW-10, had concentrations of TCE detected at 10 ppb. The Maximum Contaminant Level (MCL) for TCE is 5 ppb. Four households, sample numbers RW-2, RW-4, RW-10 and RW-16, had levels of lead above the 15 ppb Treatment Technique Action Level . The results for lead ranged from 22.5 ppb to 34.9 ppb for these households. Nickel was detected in residential well RW 10 at 210 ppb. The residential well sample locations with well depths, TCE, nickel and lead results can be found on **Figure 6.** 



75 87.5 0 175 Feet

Residential Well Sample Location



# Table 3: Significant Residential Well Sample Results

Sample Number:	ED558		£0559		E0560		ED561 ED562				ED563	
Sampling Location :	RW41		RW-2		RW43		RW4		RW-5		RW6	
Address:	eaa.c		200014	-	NO N		872 Com		2004 - 01		NON-	i
Matrix :	NON-		NON-	_	NON-		NON-		NON-		water	'
Units:	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	01/07/2003		01/07/2003		1/6/2003		01/06/2003		1/7/2003		1/7/2003	
Time Sampled :	14:15		16:15		1642		1325		1130		1140	
Analyte	Result	Flag	Result	Result Flag		Flag	Result	Flag	Result	Flag	Result	Flag
Cobalt			4.4				2.8	J				
Lead	5.7		26.8				30.3					
Iron	253		14000	K	7080	K	10500	K				
Manganese			1550		153		642					
Nickel			44.3				25.2					
Zinc	67.5		182		2600		170					
Sample Number:	ED564		ED565		£0566		ED567		ED568		ED569	
Sampling Location:	RW47		RW48		RW-9		RW/10		RW/- 10 D		RW411	
Address:	NON-		NON-		NON-	-	NON-		NON-		NON-	
Matrix :	Warei -		ovale!		ovale!	_	ovarei		ouare.		VVZVCI	
Units:	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	01/07/2003		01/06/2003		01/07/2003		01.06/2003		01/08/2003		01/06/2003	
Time Sampled :	11:45		17:40		1535		13 00	_	1300		16:45	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Trichloroethene	-						10		10			_
Analyte	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aluminum							611					
Arsenic	l						4.4					
Cadmium	1						1.5					
Chromium							1.9					
Cobalt							29.2					
Соррег	l						243					
Iron	l		234				33000	K			273	
Lead	ı					l	34.9					
Manganese	l .		99.8			l	1390					
Nickel						l	221					ı
Zinc							304					
					I							
Sample Number:	ED570		ED571		E0572		ED573		ED574		ED575	
Sampling Location :	RW 12		RW 13		RW-14		RW/15		RW 16		RW-17	
Address:	NON-		NON-		NON-		NON-	er	NON-		NON-	
Matrix :	owater		ovaver		vvalei		Water		ouater		ovalei	
Units :	ug/L		ug/L		ug/L 01.06/2003		ug/L		ug/L 01/07/2003		ug/L 01/07/2003	
Date Sampled :	01/06/2003			01/07/2003			01.07/2003 16:30		16:45		17:00	
Time Sampled :	17:10	Flag	14:55 Result Flag		12:51 Result	Flag		Flag		Flag		Flag
Analyte	Result	riag	resuit	riag	rvesuit	riag		_	rvesuit	riag	rvesuit	riag
Arsenic							4.4					
Cadmium				l		I	1.5					l
Chromium				I		1	1.2		050		240	1
Copper					450		376		353		249	
ron	1360	l			152	1			00.5			1
Lead					070				22.5			1
Manganese	167				272	1	E10		81.4			I
Zinc							51.6		01.4			

# 4.0 MIGRATION PATHWAYS

# 4.1 Soil Exposure Pathway

The Buckley Towing site is located in a suburban area in Akron, Ohio. There are no workers or terrestrial sensitive environments on-site. There are no resident individuals, which is defined by HRS rule as a person who lives or attends school on and within 200 feet an area of contamination (1). There are no known day-care facilities or schools within 200 feet. Access to the Site is restricted by a fence and locked gate. The nearby population within one mile is 5,004 (7).

# 4.2 Groundwater Pathway

The Site lies in an area where most residents are utilizing private wells. The available well logs can be found in **Appendix B**. There is also numerous public water supply ground water systems in the area (8). See **Appendix C** for a complete data base table and Geographical Information Systems (GIS) radius map.

Table 4: Public Ground Water Systems and Population by Radius Ring

Radius Ring (miles)	Number of Systems	Population Served
0-1/4	2	395
1/4 -1/2	0	0
1/2- 1	4	850
1 - 2	28	5493
2 - 3	31	3291
3 - 4	44	6155

Ground water flow in the vicinity of the Site appears to be generally flowing to the north, north east. Many residential wells are down gradient of the Site. Additionally, the highly permeable geology would allow for rapid migration of contaminants through the aquifer as well as surface infiltration.

TCE was detected above the MCL in the one residential well sample directly down gradient from the Site. This same well had TCE above the MCL during the PA/SI investigation.

TCE was not detected in either the on-site soil or ground water samples during this sample event nor during PA/SI sampling. However, during the January 19, 2000 sampling event the on-site wells contained low levels of TCE, Benzene, toluene, chloromethane, and methylene choride.

Lead appeared at elevated levels in four of the 16 residential well samples. It appears two of these samples are from wells nearly upgradient or side-gradient from the Site. During the PA/SI, lead was detected above the 15 ppb action level in two different residential wells. These wells did not have detected elevated lead levels during this investigation. Lead did appear at fairly high levels in the on-site soil samples both during the ESI and PA/SI investigations. Lead was not detected at significant levels in the monitoring well samples during either investigation. Nickel was detected above the 100 ppb MCL in one residential well sample and was not detected in the ground water on-site.

There was no lead detected in the on-site monitoring wells, and it was found sporadically in the residential wells. Although it is a possibility TCE was on-site at one time, there is no evidence to support a current on-site source.

For verification, the Ohio EPA and/or the Ohio Department of Health plans on re-sampling the following wells as a state lead project. This work will be completed by the end of 2003.

# 4.3 Surface Water Pathway

The nearest water body to the Buckley Towing site is the Long Lake Channel which is located about 1,000 feet to the north and east of the site. It appears to collect the overland flow drainage from the Site.

The 15 mile Target Distance Limit (TDL) consists of 0.2 miles to the end of the Long Lake Channel. From there it splits into two different systems. A dam allows some of the water to flow west into the Tuscarawas River, and the remainder to flow north through the Ohio Canal and the City of Akron.

The first TDL consists of 11.7 miles of the Tuscarawas River, with the remaining 3.1 miles in Chippawa Creek near the town of Clinton. Both water bodies are designated in the Ohio Water Quality Standards as Modified Warmwater Habitat (MWH) that is heavily channelized (10). Both are not attaining this aquatic life use designation. There is one state threatened species, Wild Rice (zizania aquatica) with in the TDL of the Tuscarawas

River (9). See Appendix C for a GIS radius map and data base table.

The second TDL consists of 2.5 miles of the Ohio Canal until Summit Lake. Summit Lake intersects the Ohio Canal for 1 mile, then the Canal continues for 6.3 Miles. From there, the Cuyahoga River makes up the last 5 miles of the TDL. The Ohio Canal is also listed as a MWH that is heavily channelized and not attaining this aquatic life use designation. The Cuyahoga River is designated as Warm Water Habitat (WWH) and ranges from fully attaining to not attaining (10). There are no endangered species, wetlands or water intakes within this TDL (9).

# 4.4 Air Pathway

Although Ohio EPA personnel did not initiate a formal air sampling program at Buckley Towing portable air monitoring was conducted during the sampling investigation. The Site is mostly vegetated, with some areas of exposed soil.

The estimated population according to the 2000 census is as follows (7):

RADIUS	POPULATION
0-1/4	167
1/4-1/2	810
1/2-1	4,027
1-2	21,280
2-3	41,713
3-4	<u>48,840</u>
Total	116,837
½-1 1-2 2-3 3-4	4,027 21,280 41,713 48,840

#### 5.0 REFERENCES

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- United States Geological Survey. Akron West, Ohio 7.5' Quadrangle Topographic Map. 1967, Photo revised in 1992.
- Ohio EPA files.
- Ohio Sate University Extension. Summit County Ground-Water Resources. Fact Sheet AEX-490.77.
- 5. Ohio EPA. Quality Assurance Project Plan (QAPP). November 1st, 1999.
- 6. USEPA. National Primary Drinking Water Standards. March 2001.
- 7. Ohio EPA. TIGER Census Data. Geographical Information Systems.
- 8. Ohio EPA. Water Supply Database. Geographical Information Systems.
- 9. Ohio EPA. Endangered Species Data Base. Geographical Information Systems.
- 10. Ohio EPA. Regulations, Volume One Chapter 3745-1-11. 1998-2 edition.
- 11. Soil Survey, Summit County, Ohio, United States Department of Agriculture, Ohio Department of Natural Resources, Ohio Agricultural Research and Development Center, November, 1974.
- 12. Ohio Department of Natural Resources, Division of Water, The Ground-Water Resources of Summit County, Ohio, bulletin 27, November, 1953.
- 13. Division of Geological Survey, Report of Investigations N0. 98. Land Areas in Summit County, Ohio-Geologic Suitability For Solid-Waste Disposal Map, Robert G. Van Horn, 1976.
- 14. Ohio Department of Natural Resources, Division of Water, Ground Water Resources of Summit County Map, James J Schmidt, 1979.

# Appendix A Analytical Data

Sample Number :	E0578		E0578MS		E0578MSD		E0579		E0580	
Sampling Location :	SO-01		SO-01		SO-01		SO-02		SO-03	
1 -	Soil		Soil		Soil		Soil	-	Soil	
Matrix:	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
Units:	01/07/2003		01/07/2003		01/07/2003		01/07/2003		01/07/2003	
Date Sampled :	13:40		13:40		13:40		13:45		14:00	
Time Sampled :	25		25		25		26		32	
%Moisture :	7.0		7.0		7.0		7.0		7.0	
pH : Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	13	U	13	U	13	U	14	U	15	U
Chloromethane	13	U	13	U	13	U	14	U	15	U
	13	U	13	U	13	U	14	U	15	U
Vinyl Chloride	13	U	13	U	13	U	14	U	15	U
Bromomethane	13	U	13	U	13	U	14	U	15	U
Chloroethane	13	U	13	U	13	U	14	U	15	U
Trichlorofluoromethane		U	44	Ü	42	Ŭ	14	U	15	U
1,1-Dichloroethene	13	U	13	U	13	U	14	U	15	U
1,1,2-Trichloro-1,2,2-trifluoroethane	13	UJ	13	U	13	U	14	U	15	U
Acetone	13	A STATE OF THE PARTY OF THE PAR		U	13	U	14	U	15	U
Carbon Disulfide	13	U	13		THE REPORT OF THE PARTY OF THE	U	14	U	15	U
Methyl Acetate	13	U	13	U	13	U	14	U	15	U
Methylene Chloride	13	U	13	U	13		14	U	15	U
trans-1,2-Dichloroethene	13	U	13	U	13	U	14	U	15	U
Methyl tert-Butyl Ether	13	U	13	U	13	U		U	15	U
1,1-Dichloroethane	13	U	13	U	13	U	14	U	15	U
cis-1,2-Dichloroethene	13	U	13	U	13	U	14			U
2-Butanone	13	U	13	U	13	U	14	U	15	
Chloroform	13	U	13	U	13	U	14	U	15	U
1,1,1-Trichloroethane	13	U	13	U	13	U	14	U	15	U
Cyclohexane	13	U	13	U	13	U	14	U	15	U
Carbon Tetrachloride	13	U	13	U	13	U	14	U	15	U
Benzene	13	U	45		46		14	U	15	U
1,2-Dichloroethane	13	U	13	U	13	U	14	U	15	U
Trichloroethene	13	U	42		43		14	U	15	U
Methylcyclohexane	13	U	13	U	13	U	14	U	15	U
1,2-Dichloropropane	13	U	13	U	13	U	14	U	15	U
Bromodichloromethane	13	U	13	U	13	U	14	U	15	U
cis-1,3-Dichloropropene	13	U	13	U	13	U	14	U	15	U
4-Methyl-2-pentanone	13	UJ	13	UJ	13	UJ	14	UJ	15	UJ
Toluene	13	UJ	37	J	42	J	14	U	15	U
trans-1,3-Dichloropropene	13	U	13	U	13	U	14	U	15	U
1,1,2-Trichloroethane	13	U	13	U	13	U	14	U	15	
Tetrachloroethene	13	U	13	U	13	U	14	U	15	THE RESIDENCE OF THE PARTY OF
2-Hexanone	13	U	13	U	13	U	14	and the same of the same of	15	
Dibromochloromethane	13	U	13	U	13	U	14	U	15	A STATE OF THE PARTY OF THE PAR
1,2-Dibromoethane	13	U	13	U	13	U	14	U	15	U
Chlorobenzene	13	UJ	32		37		14	U	15	U
Ethylbenzene	13	U	13	U	13	U	14	U	15	U
Xylenes (total)	13	U	13	U	13	U	14	U	15	U
Styrene	13	A CONTRACTOR	13	S PRESENTING TO A	13	THE RESERVE AND THE SECOND	14	U	15	the state of the s
Bromoform	13	A STATE OF THE PARTY OF THE PAR	13		13	U	14	U	15	U
Isopropylbenzene	13		13		13	U	14	U	15	U
1,1,2,2-Tetrachloroethane	13		13		13	STATE OF THE RESIDENCE	14	U	15	U
1,3-Dichlorobenzene	13		13		13		14	U	15	U
1,4-Dichlorobenzene	13		13	2 ESTELLED B. CF	13		14	UJ	15	UJ
1,2-Dichlorobenzene	13	DEPENDENT OF	13	Control of the second	13		14	SECTION SECTIONS	15	Service countries by the
1,2-Dibromo-3-chloropropane	13	-	13		13		14	U	15	U
1,2,4-Trichlorobenzene	13	STATE OF THE PARTY	13		13	100 ARR-6-1677	14	DO PROMINIST NAMED IN	15	E CHARLESON, STOCK CO.

Sample Number :	E0581		E0582		E0583		E0584		E0585		
Sampling Location :	SO-04		SO-05		SO-06		SO-07		SO-08		
Matrix:	Soil		Soil		Soil		Soil		Soil		
Units:	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		
Date Sampled :	01/07/2003		01/07/2003		01/07/2003		01/07/2003		01/07/2003		
	14:35		15:15		15:45		16:20		16:00		
Time Sampled :	21		24		19		21		22		
%Moisture :	7.0		7.0		7.0		7.0		7.0		
pH:	1.0		1.0		1.0		1.0		1.0		
Dilution Factor : Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	
Dichlorodifluoromethane	13	U	13	U	12	U	13	U	13	U	
Chloromethane	13	U	13	U	12	U	13	U	13	U	
Vinyl Chloride	13	U	13	U	12	U	13	U	13	U	
	13	U	13	U	12	U	13	U	13	U	
Bromomethane	13	U	13	U	12	U	13	U	13	U	
Chloroethane	13	U	13	U	12	U	13	U	13	U	
Trichlorofluoromethane		U	13	U	12	U	13	U	13	U	
1,1-Dichloroethene	13	DESCRIPTION OF THE PERSON	CONTRACTOR CONTRACTOR	U	12	U	13	U	13	U	
1,1,2-Trichloro-1,2,2-trifluoroethane	13	U	13			UJ	13	U	13	U	
Acetone	13	U	13	U	12	CONTRACTOR OF THE PARTY OF THE	Life Colonia Colonia	U	13	U	
Carbon Disulfide	13	U	13	U	12	U	13			U	
Methyl Acetate	13	U	13	U	12	U	13	U	13	Registration of the	
Methylene Chloride	13	U	13	U	12	U	13	U	13	U	
trans-1,2-Dichloroethene	13	U	13	U	12	U	13	U	13	U	
Methyl tert-Butyl Ether	13	U	13	U	12	U	13	U	13	U	
1,1-Dichloroethane	13	U	13	U	12	U	13	U	13	U	
cis-1,2-Dichloroethene	13	U	13	U	12	U	13	U	13	U	
2-Butanone	13	U	13	U	12	U	13	U	13	U	
Chloroform	13	U	13	U	12	U	13	U	13	U	
1,1,1-Trichloroethane	13	U	13	U	12	U	13	U	13	U	
Cyclohexane	13	U	13	U	12	U	13	U	13	U	
Carbon Tetrachloride	13	U	13	U	12	U	13	U	13	U	
Benzene	13	U	13	U	12	U	13	U	13	U	
1,2-Dichloroethane	13	U	13	U	12	U	13	U	13	U	
Trichloroethene	13	U	13	U	12	U	13	U	13	U	
Methylcyclohexane	13	U	13	U	12	U	13	U	13	U	
1,2-Dichloropropane	13	U	13	U	12	U	13	U	13	U	
Bromodichloromethane	13	U	13	U	12	U	13	U	13	U	
cis-1,3-Dichloropropene	13	U	13	U	12	U	13	U	13	U	
The state of the s	13	UJ	13	UJ	12	UJ	13	UJ	13	UJ	
4-Methyl-2-pentanone	13	100,000,000	13	U	12	U	13	U	13	U	
Toluene	13	U	13		12		13	U	13	U	
trans-1,3-Dichloropropene	13	5052540000000	13		12	U	13	U	13	SECURIO SIG	
1,1,2-Trichloroethane	13			U	12	-	13	U	13		
Tetrachloroethene	13	U	13	AND DESCRIPTION OF THE PERSON NAMED IN	12		13	U	13	100000000000000000000000000000000000000	
2-Hexanone	13	U	13		12		13		13	-	
Dibromochloromethane	THE RESERVE OF TAXABLE PARTY.	SERVICE CONTRACTOR	13	NECOSTRUCTOR SOR	12	100000000000000000000000000000000000000	13	Part Committee	13	U	
1,2-Dibromoethane	13	U	13		12		13		13		
Chlorobenzene	13	\$2000 STATE OF STREET		N. BRANCESCO CO.	12	No. of the last of	13		13	U	
Ethylbenzene	13		13				13	_	13		
Xylenes (total)	13	U	13	Contract Con	12	THE PERSON NAMED IN COLUMN	NAME AND ADDRESS OF THE OWNER, WHEN	CAST DAY OF STREET	13	DE HEROLDSONS AUGUSTO	
Styrene	13	U	13		12		13	Contract Tours			
Bromoform	13	U	13	and the same of th	12	A CONTRACTOR OF THE PARTY	13	STREET, SQUARE,	13	Secure Security and	
Isopropylbenzene	13	U	13		12		13		13		
1,1,2,2-Tetrachloroethane	13	U	13	E 2000 CO	12	Name and Address of the Owner, where	13	The state of the s	13	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, whic	
1,3-Dichlorobenzene	13	U	13		12		13		13		
1,4-Dichlorobenzene	13	U	13	U	12	Carried State of the Control of the	13		13	Michigan Carolina	
1,2-Dichlorobenzene	13	U	13		12	and the same and the same and the	13		13		
1,2-Dibromo-3-chloropropane	13		13	PROTECTION OF THE PROPERTY OF	12	ELECTRIC CONTRACTOR	13		13		
1,2,4-Trichlorobenzene	13	U	13	U	12	U	13	U	13	U	

OI- Museboni	E0586		E0587		VBLKPD		VHBLKPD			
Sample Number :	SO-09		SO-10							
Sampling Location :			Soil		Soil		Soil			
Matrix :	Soil				ug/Kg		ug/Kg			
Units:	ug/Kg		ug/Kg 01/07/2003		ug/Ng		ug/itg			
Date Sampled :	01/07/2003				l	1				
Time Sampled :	16:30		17:00		N1/A		0			
%Moisture:	21		21		N/A		7.0			
pH:	7.0		7.0 1.0		1.0		1.0			
Dilution Factor :	1.0	- Floor	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Volatile Compound	Result	Flag	13	U	10	U	10	U		
Dichlorodifluoromethane	13	U	13	U	10	U	10	U		Manager Street, Co.
Chloromethane	13	U		U	10	U	10	U	To 15/27/2015	
Vinyl Chloride	13	U	13	SOAT AND RESIDENCE AND	10	U	10	U		
Bromomethane	13	U	13	U		U	10	U		8 95 5 5 7 9
Chloroethane	13	U	13	U	10	U	10	U		
Trichlorofluoromethane	13	U	13	U	10		10	U		BRIDGE
1,1-Dichloroethene	13	U	13	U	10	U	10	U		DESCRIPTION OF STREET
1,1,2-Trichloro-1,2,2-trifluoroethane	13	U	13	U	10		10	U	MINERAL SECTION	
Acetone	13	UJ	13	U	3	J	STREET, STREET	U		
Carbon Disulfide	13	U	13	U	10	U	10	U		105515056
Methyl Acetate	13	U	13	U	10	U	THE RESIDENCE AND DESCRIPTION OF THE PERSON	U		
Methylene Chloride	13	U	13	U	10	U	10	U		0.0000000000000000000000000000000000000
trans-1,2-Dichloroethene	13	U	13	U	10	U	10	SERVICE PROPERTY.	BUDGESTELS	
Methyl tert-Butyl Ether	13	U	13	U	10	U	10	U		PERSONALISTS
1,1-Dichloroethane	13	U	13	U	10	U	10	U		No.
cis-1,2-Dichloroethene	13	U	13	U	10	U	10	U		I MANAGERIA
2-Butanone	13	U	13	U	10	U	10	U		
Chloroform	13	U	13	U	10	U	10	U		90.00000000
1,1,1-Trichloroethane	13	U	13	U	10	U	10	U		
Cyclohexane	13	U	13	U	10	U	10	U		N ESSENCIAL PROPERTY.
Carbon Tetrachloride	13	U	13	U	10	U	10	U		
Benzene	13	U	13	U	10	U	10	U		0 9200000000
1,2-Dichloroethane	13	U	13	U	10	U	10	U	E-SEATLE	
Trichloroethene	13		13	U	10	U	10	U		
Methylcyclohexane	13		13	U	10	U	10	U		No.
1,2-Dichloropropane	13		13	U	10	U	10	U		1000000000
Bromodichloromethane	13	U	13		10	U	10	U		90000
cis-1,3-Dichloropropene	13		13		10	U	10	U		of retrophote
4-Methyl-2-pentanone	13	CONTRACTOR OF THE	13		10	UJ	10	UJ	1000000000	9553565
Toluene	13	and the second second second	13		3	J	0.9	J		E 10/25/86/3
trans-1,3-Dichloropropene	13	The state of the s	THE PERSON NAMED IN COLUMN TWO	U	10	Company of the last of the las	10	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO PERSONS AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO PERSONS AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO PERSON NAMED IN COLUMN TRANSPORT NAMED		
1,1,2-Trichloroethane	13		13		10		10			OF EXCUSERY
Tetrachloroethene	13	CONTRACTOR OF THE PERSON OF TH	Egg Postoryus Pri visuos sono	U	10	THE PROPERTY OF SHIP	10			Name of Street
2-Hexanone	13		13		10		10	and the same of the same	000000000000000000000000000000000000000	
Dibromochloromethane	13	An improvement of	13	at affiliation have	10	DE DEMOSTORING NAVA	10	O DESCRIPTION OF THE PERSON		
1,2-Dibromoethane	13	and the latest designation of the	13		10		10	AND DESCRIPTION OF THE PERSON	SERVICE ADVIAGO	
Chlorobenzene	13	EN BOATTONION OF THE	or the anti-bias or bear or not a construction	U	10	The state of the s	10	State of the last		
Ethylbenzene	13		13		0.8		10			
Xylenes (total)	13	U		U	5	and the same of th	10	St. Belleville St.		
Styrene	13		13		2		10			
Bromoform	13	THE RESERVE AND ADDRESS.	13	THE RESERVE OF THE PARTY OF THE	10	STATE OF THE PARTY NAMED IN	10	SERVICE CONTRACTOR		
Isopropylbenzene	13		13	_	2		10			100 100 100 100 100 100 100 100 100 100
1,1,2,2-Tetrachloroethane	13	3 U	13	U	10		10			
1,3-Dichlorobenzene	13	U	13		3	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	10			
1,4-Dichlorobenzene	13	3 U	13	U	4	J	10	20 000000000000000000000000000000000000		
1,2-Dichlorobenzene	13	3 U	13		4		10		-	
1,2-Dibromo-3-chloropropane	13		13		10	CT STATE OF THE PARTY OF THE PA	10			
1,2,4-Trichlorobenzene	13	3 U	13	3 U	3	3 J	10	U		

Sample Number :	ME0578		ME0579		ME0580		ME0581		ME0582	
Sampling Location :	SO-01		SO-02		SO-03		SO-04		SO-05	
Matrix :	Soil		Soil		Soil		Soil		Soil	
Units:	mg/Kg	mg/Kg m		mg/Kg		mg/Kg			mg/Kg	
Date Sampled :	01/07/2003		01/07/2003		01/07/2003		01/07/2003		01/07/2003	
Time Sampled :	13:40		13:45		14:00		14:35		15:15	
%Solids :	77.2		72.7		80.0		78.6		78.7	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	7700		6050		5340		10900		6050	10000000000000000000000000000000000000
ANTIMONY	11.0	J	4.6	J	4.4	J	46.1	J	2.9	J
ARSENIC	22.0	J	25.7	J	16.1	J	16.4	J	13.2	J
BARIUM	217		226		208		628		477	
BERYLLIUM	0.89		1.3		0.94		0.62		0.71	
CADMIUM	8.6		8.6		7.2	Sec.	12.9		5.9	
CALCIUM	6320	J	6330	J	9100	J	4990	J	13700	J
CHROMIUM	38.0	100	47.9		32.1		32.9		32.8	
COBALT	10.2		13.9		8.1		10.0		7.1	
COPPER	305		266		220		410	100	167	
IRON	93800		120000		74300	-	60500		52900	
LEAD	1860	J	656	J	666	J	6260	J	668	J
MAGNESIUM	2210	J	2190	J	1850	J	2680	J	2640	J
MANGANESE	769		942	0.00	650		1030	100	585	
MERCURY	0.22		0.17		0.15		0.10		0.18	
NICKEL	82.3	J	76.9	J	59.3	J	98.5	J	74.3	J
POTASSIUM	676	J	689	J	609	J	526	J	581	J
SELENIUM	1.2	U	1.4	J	1.2	J	1.2	U	1.2	U
SILVER	2.7		2.6		2.7		2.3		2.9	
SODIUM	162		173		177	COMMAND OF THE PERSON NAMED IN	280		236	
THALLIUM	4.7		4.5		4.2		3.5		1.5	
VANADIUM	15.2	2.50	22.5		15.7		15.4		15.8	Male V
ZINC	1330		1170		1260		2780	J	1230	
CYANIDE	Production of the same	1.00								

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Sample Number :	ME0583		ME0584		ME0585		ME0586		ME0587	
Sampling Location :	SO-06		SO-07		SO-08		SO-09		SO-10	
Matrix :	Soil	Soil		Soil		Soil			Soil	
Units :	mg/Kg	ma/Ka r		mg/Kg		mg/Kg			mg/Kg	
Date Sampled :	01/07/2003		01/07/2003		01/07/2003		01/07/2003		01/07/2003	
Time Sampled :	15:45		16:20		16:00		16:30		17:00	
%Solids :	79.3		78.7		77.0		79.0		71.0	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	5370		5270		8470		8310		6020	
ANTIMONY	5.0	J	1.8	J	1.8	J	69.5	J	3.7	J
ARSENIC	15.5	J	19.9	J	7.2	J	22.4	J	19.2	J
BARIUM	241		226		179		1290		295	
BERYLLIUM	0.62		3.1		0.71		1.6		0.80	
CADMIUM	4.6		5.7		2.0		21.5		9.2	
CALCIUM	14200	J	28300	J	1300	J	2430	J	2000	J
CHROMIUM	26.2		28.2		11.0		31.9		35.4	
COBALT	6.8		7.7		7.2		9.7		9.6	
COPPER	242		172		105		633		170	
IRON	45200		41600		15000		52900		88700	
LEAD	684	J	531	J	127	J	1290	J	601	J
MAGNESIUM	5500	J	903	J	1290	J	1280	J	1040	J
MANGANESE	497		354		876		909		722	
MERCURY	0.18		0.080		0.070	U	0.22		0.090	
NICKEL	45.2	J	49.7	J	19.6	J	132	J	115	J
POTASSIUM	559	J	555	J	582	J	518	J	440	J
SELENIUM	1.2	U	1.2	U	1.2	U	1.4	J	1.4	U
SILVER	4.5		0.80		0.47		2.2		2.1	
SODIUM	299		265	4678	268		138		229	
THALLIUM	1.2	U	2.1		1.2	U	2.4		4.3	
VANADIUM	15.1	1,30	25.1	195.10	14.8		18.5		15.2	
ZINC	929		561		243		3120	J	1050	
CYANIDE			10000000000000000000000000000000000000							

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Sample Number : Sampling Location : Matrix : Units : Date Sampled : Time Sampled : %Solids : Dilution Factor : ANALYTE	ME0578D SO-01 Soil mg/Kg 01/07/2003 13:40 75.4 1.0	SO-01 Soil mg/Kg 01/07/2003 13:40 75.4		Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	7270	, ing	Result							
ANTIMONY	5.7	J	71.7							
ARSENIC	17.4	J	28.9		Parallel and State of the Control	Procedura Management and		paragonasonas		
BARIUM	270		725				1			1000
BERYLLIUM	0.82		12.8							
CADMIUM	6.7		19.8				546			
CALCIUM	12200									
CHROMIUM	32.4		89.4		143		40.00		11.00	
COBALT	8.5		132							
COPPER	269		366							18 K
IRON	67600								E LUCYAL AND A CONTROL OF THE PARTY OF THE P	
LEAD	1090		995	J	Sec.					
MAGNESIUM	1780	J					COLUMN TRANSPORTATION AND AND AND AND AND AND AND AND AND AN		actors over the State States	
MANGANESE	618		832					55	100	
MERCURY	0.21		0.86						NOV. NOT REPORT AND ADDRESS OF THE	an entitle state
NICKEL	69.9	B0000000000000000000000000000000000000	246	2013143		in the second				SOFT STATE OF
POTASSIUM	566	ESCHOOL STATE OF THE PARTY OF T			NAME OF TAXABLE PARTY.	e en concentration	CONTRACTOR STATE	and the second	HOSTING CHICKE SCHOOL	e entre de la constante
SELENIUM	1.2	U	3.3							
SILVER	1.6		14.3				L.		bernetu morteratika	SERVICE STREET
SODIUM	188		100		THE STATE OF THE S		S. S. PHONE		St. Serfices	100000000000000000000000000000000000000
THALLIUM	1.7	1	14.5					9 1000000000000000000000000000000000000	PER SECOND TO SE	
VANADIUM	13.2		138						1000	Section Sec
ZINC	1220		1580							
CYANIDE					District Co.		Section 2			

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Sample Number :	E0555		E0555MS		E0555MSD				E0557 MW-5		
Sampling Location :	MW-1		MW-1		MW-1		MW-2		Water		
Matrix:	Water		Water		Water		Water		ug/L		
Jnits:	ug/L		ug/L		ug/L		ug/L		01/07/2003		
Date Sampled :	01/07/2003	01/07/2003		OHOHEGG		01/07/2003		01/07/2003			
Time Sampled :	11:00			11:00		11:00		12:10 N/A			
Moisture:	N/A		N/A		N/A	N/A			N/A		
									10		
oH:	1.0		1.0		1.0		1.0		1.0	Floa	
Dilution Factor : Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	
		U	10	U	10	U	10	U	10	U	
Dichlorodifluoromethane	10	U	10	U	10	U	10	U	10	UJ	
Chloromethane	10	U	10	U	10	U	10	U	10	U	
Vinyl Chloride	10	U	10	U	10	U	10	U	10	U	
Bromomethane	10	U	10	U	10	U	10	U	10	U	
Chloroethane	CONTRACTOR OF COLUMN	U	10	U	10	U	10	U	10	U	
Trichlorofluoromethane	10	-	38	Ĭ.	40		10	U	10	U	
1,1-Dichloroethene	10	U	10	U	10	U	10	U	10	U	
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	UJ	10	UJ	10	UJ	10	UJ	
Acetone	10	UJ	BE THE REAL PROPERTY.	U	10	U	10	U	10	U	
Carbon Disulfide	10	U	10	UJ	10	UJ	10	UJ	10	UJ	
Methyl Acetate	10	UJ	10	GENERAL SERVICE	10	U	10	U	10	U	
Methylene Chloride	10	U	10	U	10	U	10	U	10	U	
trans-1,2-Dichloroethene	10	U	10	U		U	0.6	J	10	U	
Methyl tert-Butyl Ether	10	U	10	U	10		10	U	10	U	
1,1-Dichloroethane	10	U	10	U	10		10	U	10	U	
cis-1,2-Dichloroethene	10	U	10	U	10	U	and the second s	AND DESCRIPTION OF THE PERSON	10	-	
2-Butanone	10	UJ	10	UJ	10		10	UJ	10	STREET, ST.	
Chloroform	10	U	10	U	10	A STATE OF THE	10	U	10		
1.1.1-Trichloroethane	10	U	10	U	10		10	U	10	0.000	
Cyclohexane	10	U	10	U	10		10	U		THE PERSON NAMED IN	
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	CO CONTRACTOR AND	
The state of the s	10	U	47		47	2000	10	U	10	-	
Benzene	10	U	10	U	10	U	10	U	10	THE PERSON NAMED IN	
1,2-Dichloroethane	10	U	53	3	53	3	10	-	10	-	
Trichloroethene	10	and the same of th	10	U	10	U	10	and the second	10	STATE OF THE PERSON NAMED IN	
Methylcyclohexane	10	Name and Address of the Owner, where	10	U	10	U	10	-	10	-	
1,2-Dichloropropane	10	-	10	U	10	U	10	S 2004 COLOR	10	CONTRACTOR SALES	
Bromodichloromethane	10	S. School Street	11	U	10	U	10	-	10	THE PERSON	
cis-1,3-Dichloropropene	10	-	11	U	10	0 U	10	U	10	OR OTHER DESIGNATION OF THE PERSON OF T	
4-Methyl-2-pentanone	10	STATE OF THE PARTY NAMED IN	5	OJ	4	8 J	10		10	NAME OF TAXABLE PARTY.	
Toluene	10			U	1	0 U	10	U	10	NAME OF TAXABLE PARTY.	
trans-1,3-Dichloropropene	10	Name and Address of		OU	_ 1	0 U	10		10		
1,1,2-Trichloroethane	10		1		1	0 U	10	100	11	100	
Tetrachloroethene	1			0 UJ		0 UJ	10	UJ	1	COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF	
2-Hexanone	1	STATE OF THE PERSON	SERVICE PROPERTY OF THE PERSON	0 U	1	0 U	1	U		0 U	
Dibromochloromethane	1		THE RUN CASE STREET	0 U		0 U	1	U	CARLO DE ANCHE GOLLANDE	0 U	
1,2-Dibromoethane	1	100 000 0000	MARKET STATE OF STATE	9		18		1 J		0 U	
Chlorobenzene			THE PARTY OF THE	0 U		10 U	1	U	1	0 U	
Ethylbenzene	1	DOMESTIC STATE		0 U		10 U	1	O U	1	0 U	
Xylenes (total)	1		THE RESERVE OF THE PARTY OF THE	0 U		10 U	1	0 U	1	10 U	
Styrene	1	Carlo Section Control	SERVICE PROPERTY.	200		10 U	1	OCCUPATION OF THE	1	10 U	
Bromoform	1	NAME OF TAXABLE PARTY.	CONTRACTOR OF THE PARTY OF THE	11 10 10 No. 10		10 U	27,073	0 U	1	10 U	
Isopropylbenzene	AT REAL PROPERTY OF THE PARTY O	0 U				10 U	THE RESERVE AND THE PROPERTY OF THE PROPERTY O	0 U	CARL STORY OF THE PROPERTY OF	10 U	
1,1,2,2-Tetrachloroethane		0 U		10 U		10 U	E902/1009	0 U		10 U	
1,3-Dichlorobenzene	1	0 UJ		10 U			THE RESIDENCE OF THE PARTY OF T	0 U	THE RESIDENCE OF THE PARTY OF T	10 U	
1,4-Dichlorobenzene		0 UJ		10 UJ	DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN C		1907.27	0 U		10 U	
1,2-Dichlorobenzene	THE PERSON NAMED AND ADDRESS OF THE PARTY OF	0 UJ		10 U			White and the second second	0 U	THE PARTY OF THE P	10 U	
1,2-Dibromo-3-chloropropane		0 U	MINE WAS CARS. 37514.0	10 U	OFFICE AND ADDRESS OF THE PARTY	10 U	C2 (0) (4/2.5)	0 U		10 U	
1,2,4-Trichlorobenzene		0 U		10 U		10 U	Marie Property Co.	0	September 1985		

Sample Number :	E0588		E0589		E0590		E0591		E0592	
Sampling Location :	GW-1		GW-2	GW-2		GW-3		GW-4		
	Water		Water		Water		Water		Water	
Matrix:	ug/L					ug/L		ug/L		
Units:		- 3				01/06/2003		01/06/2003		
Date Sampled :	12:25	0 110012000		12:25			17:05		17:40	
Time Sampled :	N/A		N/A		16:15 N/A		N/A		N/A	
%Moisture :	N/A		IN/A		IN/A		1,073			
pH:	1.0		1.0		1.0		1.0		1.0	
Dilution Factor :	Result	Flag	Result	Flag	Result Flag		Result Flag		Result	Flag
Volatile Compound  Dichlorodifluoromethane	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U
	10	U	10	U	10	U	10	U	10	U
Vinyl Chloride	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U
Chloroethane	A RESIDENCE AND THE PROPERTY OF		10	U	10	U	10	U	10	U
Trichlorofluoromethane	10	U	CONTRACTOR STREET, STR	U	10	U	10	U	10	U
1,1-Dichloroethene	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	UJ	10	UJ	10	UJ	10	UJ
Acetone	10	UJ	10			U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	UJ	10	UJ	10	UJ
Methyl Acetate	10	UJ	10	UJ	10				10	U
Methylene Chloride	10	U	10	U	10	U	10	U		-
trans-1,2-Dichloroethene	10	U	10	U	10	U	10	U	10	U
Methyl tert-Butyl Ether	4	J	10	U	10	U	10	U	10	U
1,1-Dichloroethane	3	J	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	10	U	10	U	10	U	10	U	10	U
2-Butanone	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Chloroform	10	U	10	U	10	U	10	U	10	U
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Benzene	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U	10	U
Methylcyclohexane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U
Toluene	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
trans-1,3-Dichloropropene	10		10	MACCONTON NO. 100.00	10	U	10	U	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U
2-Hexanone	10	UJ	10		10	UJ	10	UJ	10	UJ
Dibromochloromethane	10	U	10		10		10	U	10	U
1,2-Dibromoethane	10	U	10	to the second second second	10		10	U	10	U
Chlorobenzene	10	U	10	THE REAL PROPERTY.	10		10	U	10	U
The second secon	10	U	10		10		10	U	10	
Ethylbenzene	10	U	10		10	Name and Address of the Owner, where	10	U	10	REPRESENTATION OF
Xylenes (total)	10	U	10		10		10	U	10	-
Styrene	10	U	10		10	R #25000000000000000000000000000000000000	10	E STATE OF THE PERSON	10	102200000000000000000000000000000000000
Bromoform		U	10		10		10		10	and the contract of the contra
Isopropylbenzene	10	200000000000000000000000000000000000000			10		10	BE SHARE THE STREET	10	
1,1,2,2-Tetrachloroethane	10	U	10				10		10	
1,3-Dichlorobenzene	10		10		10				10	
1,4-Dichlorobenzene	10	and the second second second second	10		10		10		10	
1,2-Dichlorobenzene	10		10	Section 1	10	OR SHOULD	10		THE REPORT OF SECURE AND ADDRESS OF SECURE	STATE OF THE PARTY NAMED IN
1,2-Dibromo-3-chloropropane	10		10		10		10		10	
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	10	0

O-male Number	E0593		E0598		E0599		E0600		E0601		
Sample Number :	GW-6		GW-11	_	GW-12		GW-13		GW-14		
Sampling Location :	Water		Water			Water			Water		
Matrix:	ug/L				ug/L		ug/L		ug/L		
Units:		-3		01/06/2003		01/07/2003		01/07/2003			
Date Sampled :	10:45	01/01/12000			11:40		08:55		14:10		
Time Sampled :			13:00 N/A		N/A		N/A		N/A		
%Moisture:	N/A		IN/A		IN/A						
pH:	1.0		1.0		1.0		1.0		1.0		
Dilution Factor :	Result	Flag	Result	Flag	Result Flag		Result Fla				
Volatile Compound  Dichlorodifluoromethane	10	U	10	U	10	U	10	U	10	U	
	10	U	10	U	10	U	10	U	10	U	
Chloromethane	10	U	10	U	10	U	10	U	10	U	
Vinyl Chloride	10	U	10	U	10	U	10	U	10	U	
Bromomethane	10	U	10	U	10	U	10	U	10	U	
Chloroethane Trichlorofluoromethane	10	U	10	U	10	U	10	U	10	U	
	10	U	10	U	10	U	10	U	10	U	
1,1-Dichloroethene 1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	U	10	U	10	U	
THE RESIDENCE OF THE PROPERTY	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	
Acetone Carbon Disulfide	10	U	10	U	10	U	10	U	10	U	
	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	
Methyl Acetate	10	U	10	U	10	U	0.3	J	10	U	
Methylene Chloride trans-1,2-Dichloroethene	10	U	10	U	10	U	10	U	10	U	
THE RESERVE OF THE PARTY OF THE	10	U	10	U	10	U	10	U	10	U	
Methyl tert-Butyl Ether	10	U	10	U	10	U	10	U	10	U	
1,1-Dichloroethane	10	U	10	U	10	U	10	U	10	U	
cis-1,2-Dichloroethene	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	
2-Butanone	10	U	10	U	10	U	10	U	10	U	
Chloroform	10	U	10	U	10	U	10	U	10	U	
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	10	U	
Cyclohexane	10	U	10	U	10	U	10	U	10	U	
Carbon Tetrachloride	0.3	J	10	U	10	U	10	U	10	U	
Benzene	10	U	10	U	10	U	12		10	U	
1,2-Dichloroethane	10	U	10	U	10	U	10	U	0.8	J	
Trichloroethene	10		10	U	10	U	10	U	10	U	
Methylcyclohexane 1,2-Dichloropropane	10		10	U	10	U	10	U	10	U	
Bromodichloromethane	10		10	U	10	U	10	U	10	U	
cis-1,3-Dichloropropene	10	U	10		10	U	10	U	10	U	
4-Methyl-2-pentanone	10		10	na anna anna anna anna anna anna anna	10	U	10	U	10	U	
Toluene	10		10		10	UJ	10	UJ	10	UJ	
trans-1,3-Dichloropropene	10		10	on tol-include the same	10	U	10	U	10	U	
1,1,2-Trichloroethane	10	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	10	U	10	U	10	U	10		
Tetrachloroethene	10	and the same of the same of the same of	10	U	10	U	10	U	10		
2-Hexanone	10		10	UJ	10	UJ	10	UJ	10	UJ	
Dibromochloromethane	10	THE RESIDENCE OF THE PARTY OF	10	U	10	U	10	U	10		
1,2-Dibromoethane	10	U	10	U	10	U	10	U	10	the Personal Property lies	
Chlorobenzene	10	St.	10	ALC: UNDOUGHOUSE CONTRACTOR	10	U	10	U	10	and an experience of the last	
Ethylbenzene	10		10	U	10	U	10	U	10	St SHIP LEWIS CO.	
Xylenes (total)	10	THE RESIDENCE	10	Contract of the Contract of th	10	U	10	U	10		
Styrene	10	and the second s	10	U	10	U	10	U	10	THE RESIDENCE	
Bromoform	10	AND ESCHOOLSTAND	10	The second second	10	U	10	and the same of the same of	10		
Isopropylbenzene	10	Name and Publishers	10	U	10	U	10	U	10	THE RESIDENCE SERVICES	
1,1,2,2-Tetrachloroethane	10	THE RESIDENCE NAMED IN	10	U	10	U	10	U	10	ment and the second second	
1,3-Dichlorobenzene	10		10	U	10	U	10	U	10	U	
1,4-Dichlorobenzene	10		10	Property of the second	10	U	10	U	10		
1,2-Dichlorobenzene	10		10		10	U	10	U	10	U	
1,2-Dibromo-3-chloropropane	1		10	THE RESERVE OF THE PERSON	10	U	10	U	10		
1,2,4-Trichlorobenzene	1	The second second	10	U	10	U	10	U	10	U	

Comple Northern	E0602		E0603		E0604		E0609		E0610	
Sample Number :	GW-15		GW-16		GW-17		TB-RAS		GW-18	
Sampling Location :	Water	_	Water		Water		Water		Water	
Matrix :	ug/L		ug/L		ug/L		ug/L		ug/L	
Units:		-3		-3-		01/07/2003		01/03/2003		
Date Sampled :		0110112000				15:05			01/07/2003 15:35	
Time Sampled :		11.20					12:30 N/A		N/A	
%Moisture:	N/A		IN/A		N/A					
pH:	1.0		1.0		1.0		1.0		1.0	
Dilution Factor :	Result	Flag	Result	Flag	Result	Flag	Result Flag		Result	Flag
Volatile Compound	10	U	10	U	10	U	10	U	10	U
Dichlorodifluoromethane	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U
Vinyl Chloride	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U
Trichlorofluoromethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Acetone	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Methyl Acetate		U	10	U	10	U	10	U	10	U
Methylene Chloride	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	10	U	10	U	10	U	10	U	10	U
Methyl tert-Butyl Ether	10		10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U		U	10	U	10	U	10	U
cis-1,2-Dichloroethene	10	U	10		10	UJ	10	UJ	10	UJ
2-Butanone	10	UJ	10	UJ	10	U	0.6	J	10	U
Chloroform	10	U	10	U	10	U	10	U	10	U
1,1,1-Trichloroethane	10	U	10	U		U	10	U	10	U
Cyclohexane	10	U	10	U	10		10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Benzene	10	U	10	U	10	U		U	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
Trichloroethene	0.7	J	1	J	10	U	A STATE OF THE PARTY OF THE PAR	U	10	U
Methylcyclohexane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
cis-1,3-Dichloropropene	10	U	10		10	U	10	U	10	U
4-Methyl-2-pentanone	10	U	10		10	UJ	10	UJ	10	UJ
Toluene	10		10	and the same of th	10	THE RESERVE OF THE PERSON NAMED IN	10	U	10	
trans-1,3-Dichloropropene	10		10		10		10		10	CONTRACTOR OF THE PARTY OF THE
1,1,2-Trichloroethane	10		10		10		10		10	
Tetrachloroethene	10		10		10		10		10	
2-Hexanone	10		10		10		10		10	The state of the s
Dibromochloromethane	10		10		10		10	and the second s	10	
1,2-Dibromoethane	10	2.00	10				10	Lineage American	10	A STATE OF THE STA
Chlorobenzene	10		10		10		10		10	
Ethylbenzene	10		10	CONTRACTOR OF THE PERSON NAMED IN	10				10	
Xylenes (total)	10		10		10		10		10	
Styrene	10		10	23 333000330000	10		10		10	TO STATE OF THE PARTY OF T
Bromoform	10	and the same of th	10		10				10	
Isopropylbenzene	10		10		10		10		10	
1,1,2,2-Tetrachloroethane	10		10		10		10			
1,3-Dichlorobenzene	10	and the second	10		10		10		10	
1,4-Dichlorobenzene	10		10		10		10		10	
1,2-Dichlorobenzene	10		10	NO. OF STREET	10		10		10	
1,2-Dibromo-3-chloropropane	10		10		10		10		10	
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	10	U

Carrola Number:	VBLKPA		VHBLKPA							
Sample Number :	VBERFA		VIIDEI II							
Sampling Location :	Water		Water							_
Matrix:	ug/L	ii.	ug/L						_	_
Units :	ug/L		ug/L							
Date Sampled :	1		1							
Time Sampled :	N/A		N/A			_				
%Moisture :	N/A		17/2							
pH:	1.0		1.0				l			
Dilution Factor :	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Volatile Compound	10	U	10	U						
Dichlorodifluoromethane	0.5	J	10	U			Marchell Marchell	1000 to		100000000000000000000000000000000000000
Chloromethane	10	U	10	U			100000000000000000000000000000000000000		TE SESSEE AND SESSEE A	
Vinyl Chloride	10	U	10	U						10005 QU 10 600
Bromomethane	10	U	10	U			BURBURA SERVICE	255		
Chloroethane	THE RESIDENCE OF THE PARTY OF T	U	10	U				LUTE IN LINE		
Trichlorofluoromethane	10		10	U	190000000000000000000000000000000000000	DESCRIPTION	100000000000000000000000000000000000000		DOMESTIC STREET	
1,1-Dichloroethene	10	U	10	U		28/23/58/0		1000-010	Personal residence	100000000000000000000000000000000000000
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	The second second	UJ		20000000	BUTANTED WE			E51019E5
Acetone	2	J	10	MACHINE WHEN						STR. VETTORS
Carbon Disulfide	10	U	10	UJ		100 pt 10	35 No. 10 10 10 10 10 10 10 10 10 10 10 10 10			1000000
Methyl Acetate	10	UJ	CHARLES AND RESIDENCE AND RESIDENCE	U		A COLUMN	Belleville State Mile			
Methylene Chloride	10	U	10	U			CONTRACTOR OF THE		100000000000000000000000000000000000000	
trans-1,2-Dichloroethene	10	U	10	E CONTRACTOR OF STREET	30,000	8.00				22,02,060.0
Methyl tert-Butyl Ether	10	U	10	U	CONTRACT SURES		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	15 10 100		A COLUMN
1,1-Dichloroethane	10	U	10	U						PER SERVICE
cis-1,2-Dichloroethene	10	U	10	U		B 1000000000000000000000000000000000000			NOTE THE PARTY OF	SCHOOL S
2-Butanone	10	UJ	10	UJ		1 St. 53 St.	Para Care Care Care Care Care Care Care C		Personal Section	
Chloroform	10	U	10	U		NAME OF TAXABLE PARTY.	9 NO. 10 P. C.	accords	CONTRACTOR STATE	
1,1,1-Trichloroethane	10	U	10	U					ETEC PERE	
Cyclohexane	10	U	10	U			and the second s	1 1000000000000000000000000000000000000	ETHERE MENNENNEN	
Carbon Tetrachloride	THE RESIDENCE ASSOCIATION	U	10	BE STREET, STR						107
Benzene	10	U	10		e de la companione de l	on money to the state of		Service in the service of the servic		Maria Salaha
1,2-Dichloroethane	10	U	10	SE ESCOPHISCOVICE	250					and the state
Trichloroethene	10	U	10					NAME OF TAXABLE PARTY.		ORIGINAL STATE
Methylcyclohexane	10	U	10	-						
1,2-Dichloropropane	10	U	10				-			0.000000
Bromodichloromethane	10	U	10	THE REAL PROPERTY.						
cis-1,3-Dichloropropene	10	U	10							CONTRACTOR OF CONTRACT
4-Methyl-2-pentanone	10		10							
Toluene	0.5		0.4							
trans-1,3-Dichloropropene	10	U	NAME AND POST OFFICE ADDRESS OF THE PARTY OF	U						Marie Land
1,1,2-Trichloroethane	10		10	and the same of the	and the second s			ST. 25-78-78-78-78-78-78-78-78-78-78-78-78-78-	and the second second	
Tetrachloroethene	10			U						
2-Hexanone	10	O PERSON NAMED IN	CONTRACTOR DESCRIPTION AND DES	UJ						
Dibromochloromethane	10		10					NO. 140 BES		10 10 ASS SECTION
1,2-Dibromoethane	10	C. British Control of the	CONTRACTOR OF STREET	U						
Chlorobenzene	10		10							TO STATE OF THE PARTY OF THE PA
Ethylbenzene	0.5	J	10							
Xylenes (total)	3	J	10	And in contrast of the last						
Styrene	0.9	J	10	U					3.50	
Bromoform	10	U	10							
Isopropylbenzene	1	J	10	U	12/10/19					
1,1,2,2-Tetrachloroethane	10	U	10	U						
1,3-Dichlorobenzene	2	CONTRACTOR OF THE PARTY	10	U						
1,4-Dichlorobenzene	2	STATE OF THE PARTY	10	Actes for the second second						
1,2-Dichlorobenzene	2			U						
1,2-Dibromo-3-chloropropane	10	Name and Address of the Owner, where	10	0000						
1,2,4-Trichlorobenzene	2			U				6.65		

	ME0555		ME0556		ME0557		ME0555D		ME0555S	
Sample Number :	MW-1		MW-2		MW-5		MW-1		MW-1	
Sampling Location :	Water		Water		Water		Water		Water	
Matrix:	ug/L		ug/L		ug/L		ug/L		ug/L	
Jnits:	01/07/2003		01/07/2003		01/07/2003		01/07/2003		01/07/2003	
Date Sampled :	11:00		12:10		12:20		11:00		11:00	
Time Sampled :	0.0		0.0		0.0		0.0		0.0	
%Solids :	0.10		1.0		1.0		1.0		1.0	
Dilution Factor :	1.0	Floor	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ANALYTE	Result	Flag	70.1	J	63.2		106	J	2110	
ALUMINUM	0.1.0	J	2.3	U	2.3	U	2.3	U	485	
ANTIMONY	2.3	U	4.8	U	4.8	U	4.8	U	40.2	
ARSENIC	4.8	U	36.9	U	38.2		58.8		2070	
BARIUM	63.1	100	0.10	U	0.10	U	0.10	U	47.7	
BERYLLIUM	0.10	U		U	0.10	U	0.30	U	48.4	
CADMIUM	0.00	U	0.30	U	53100		148000			
CALCIUM	158000		51700		1.8	J	1.4		191	
CHROMIUM	1.1	J	1.7	J	3.6	3	1.0	U	481	
COBALT	1.0	U	3.2		0.60	U	5.0		255	
COPPER	4.9		0.60	U	21300		338		1310	
IRON	365		20900	and the second	21300	U	2.2	u	18.9	
LEAD	2.2	U	2.2	U	14000		41800			
MAGNESIUM	44700		13600	AND DESCRIPTIONS	1130		37.4		522	
MANGANESE	40.5		1100		0.10	U	0.10	U	0.81	
MERCURY	0.10	U	0.10	U		U	15.3	0	495	
NICKEL	15.6		18.7		18.9	200000	11900			
POTASSIUM	12700	J	3950		4030	U	4.8	U	8.9	
SELENIUM	4.8	U	4.8	U	4.8	BANG SHAPE	0.60	U	48.7	
SILVER	0.60	U	0.60	U	0.60		254000	1	40.7	
SODIUM	273000	J	41700	J	42900	J	254000	u	50.7	
THALLIUM	4.7	U	4.7	U	4.7	U			486	
VANADIUM	0.50	U	0.50	O DESCRIPTION	0.50	STATE OF THE PARTY.	0.50	U	497	A STOCKED
ZINC	23.9		10.2		9.2		22.4	1	497	
CYANIDE										

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

	E0558		E0558MS		E0558MSD		£0559		E0560	
Sample Number :	RW-1		RW-1		RW-1		RW-2		RW-3	
Sampling Location :	Water		Water		Water		Water		Water	
Matrix :			ug/L		ug/L		ug/L		ug/L	
Units:	ug/L 01/07/2003		01/07/2003		01/07/2003		01/07/2003		01/07/2003	
Date Sampled :	14:15		14:15		14:15		16:15		16:42	
Time Sampled :			N/A		N/A		N/A		N/A	
%Moisture :	N/A		IN/A						l	_
pH:	1.0		1.0		1.0		1.0		1.0	
Dilution Factor :	1.0	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Volatile Compound	Result	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	0.5	U	0.5	U	0.5	U	0.3	J	0.5	U
Chloromethane		U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl Chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	0.5	U	6	0	6	ŭ	0.5	U	0.5	U
1,1-Dichloroethene	0.5			U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U	0.5	R	5	R	5	R	5	R
Acetone	5	R	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Disulfide	0.5	U		R	0.5	R	0.5	R	0.5	R
Methyl Acetate	0.5	R	0.5	U	0.5	U	0.5	U	0.5	U
Methylene Chloride	0.5	U	0.5		0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tert-Butyl Methyl Ether	0.5	U	0.5		0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,2-Dichloroethene	0.5	U	0.5	U	5	U	5	U	5	U
2-Butanone	5	U	5	U		U	0.5	U	0.5	U
Bromochloromethane	0.5	U	0.5	U	0.5	70.00 Sept. 12.50	0.5	-	0.5	U
Chloroform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	0.5	U	0.5	U	0.5	15 24 THE R. P. LEWIS CO., LANSING, MICH.	0.5	U	0.5	U
Cyclohexane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride	0.5	U	0.5	U	0.5	U	0.5		0.5	U
Benzene	0.5	U	5	100	5		0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5		0.5	U
Trichloroethene	0.02	J	5		5		0.5	U	0.5	AND DESCRIPTION
Methylcyclohexane	0.5	U	0.5	U	0.5	U	0.5		0.5	
1,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	STREET, SQUARE, STREET,	0.5	
Bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	-	0.5	
cis-1,3-Dichloropropene	0.5	ST DOOR SHARWAY SA	0.5		0.5	U	5	S DAYSTELL CASE	5	SECTION AND PERSONS
4-Methyl-2-pentanone	5		5	A STATE OF THE PARTY OF	5	REAL COLUMN	0.5		0.5	
Toluene	0.5	THE PERSONAL PROPERTY.	5		5	VS	0.5	CONTRACTOR OF STREET	0.5	State of the state
trans-1,3-Dichloropropene	0.5	and the second s	0.5	20 HOLDEN AVENUE AVE	0.5	OF THE PROPERTY OF THE PROPERT	0.5	www.comedition		U
1,1,2-Trichloroethane	0.5		0.5		0.5		0.5		0.5	THE RESIDENCE OF THE PARTY OF T
Tetrachloroethene	0.3	THE RESIDENCE OF THE PARTY OF T	0.2		5		5	CONTRACTOR AND A	5	THE RESIDENCE PARTY IN
2-Hexanone	5		5	THE RESIDENCE OF COURSE			0.5		0.5	
Dibromochloromethane	0.5	TO SECTION STREET	0.5	35 BOSS POYS P. 25 (0)	0.5		0.5	ST. CHARLES	0.5	STATE
1,2-Dibromoethane	0.5		0.5		0.5		0.5		0.5	
Chlorobenzene	0.5	AND DESCRIPTION OF THE PERSON.	4			El Entres Sister	0.5	THE RESERVE THE TAXABLE PARTY.	0.5	
Ethylbenzene	0.5		0.5	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	0.5	SHE SHOW A SHEET PARKET AND ADDRESS OF	0.5		0.5	
Xylenes (total)	0.5	NAME OF TAXABLE PARTY.	0.5	THE RESERVE OF THE PARTY OF THE	0.5		0.5	SERVICE SERVIC	0.5	NO. OF STREET,
Styrene	0.5		0.5	CI	0.5	56 (0.00 900 ) (0.10 )	0.5		0.5	
Bromoform	0.5	NAME AND POST OFFICE ADDRESS OF THE PARTY OF	0.5	The second second	0.5	EN REVOLUTE STORY	0.5	THE RESIDENCE PROPERTY.	0.5	AND REAL PROPERTY.
Isopropylbenzene	0.5		0.5	965 B-UCSESSORTO	0.5	SHEET STATE OF THE SHEET	600	and the same of the same of	0.5	
1,1,2,2-Tetrachloroethane	0.5	Policina and the second second	0.5	THE RESIDENCE OF STREET	0.5	OC UNIVERSE (1931)	0.5	HOLE BUILDING TO DESCRIPT	CALLED AND PROPERTY OF THE PRO	
1,3-Dichlorobenzene	0.5		0.5	THE RESERVOID AV	0.5	ALL PROPERTY AND A	0.5		0.8	
1,4-Dichlorobenzene	0.5	5 U	0.5	AND RESIDENCE	0.5		0.5	State of the last	0.8	BROOM BOOKSTREEN COLUMN TO THE
1,2-Dichlorobenzene	0.5	5 U	0.5	5 U	0.5		0.5		0.8	
1,2-Dibromo-3-chloropropane	0.5	5 U	0.5		0.5	ALL DESCRIPTIONS	0.8	STATE	0.9	Marie College and
1,2,4-Trichlorobenzene	0.5		0.8		0.5		0.8		0.9	
1,2,3-Trichlorobenzene	0.5	5 U	0.5	5 U	0.5	5 U	0.9	5 U	0.	5 U

A Northwest	E0561		E0562		E0563		E0564		E0565	
Sample Number :	RW-4		RW-5		RW-6		RW-7		RW-8	
Sampling Location :	Water		Water		Water		Water		Water	
Matrix :			ug/L		ug/L		ug/L		ug/L	
Units :	ug/L 01/06/2003		01/07/2003		01/07/2003		01/07/2003		01/06/2003	
Date Sampled :	13:25		11:30		11:30		11:45		17:40	
Time Sampled :			N/A		N/A		N/A		N/A	
%Moisture:	N/A		N/A		1307					
pH:	1.0		1.0		1.0		1.0		1.0	
Dilution Factor :		Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Volatile Compound	Result	U	0.5	U	0.5	U	0.5	U	0.5	U
Dichlorodifluoromethane	0.5	J	0.5	U	0.5	U	0.3	J	0.5	U
Chloromethane		U	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl Chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	0.5	2 F. 19 19 19 12 12 12	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U	5	R	5	R	5	R	5	R
Acetone	5	R	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Disulfide	0.5	U	0.5	R	0.5	R	0.5	R	0.5	R
Methyl Acetate	0.5	R	DELINE MINERAL STREET	U	0.5	U	0.5	U	0.5	U
Methylene Chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tert-Butyl Methyl Ether	0.5	U	and the second second second second second	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	0.5	CONTRACTOR OF STREET	0.5	U	0.5	U	0.5	U
cis-1,2-Dichloroethene	0.5	U	0.5	U	and the second s	U	5	U	5	U
2-Butanone	5	U	5	U	5	U	0.5	U	0.5	U
Bromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.4	J
Chloroform	0.5	U	0.5	U	0.5	THE SECTION AS	0.5	U	0.4	U
1,1,1-Trichloroethane	0.5	U	0.5	U	0.5	U		U	0.5	U
Cyclohexane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	-
Benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	0.5	U	0.5			U	0.5	U
Trichloroethene	0.2	J	0.5	U	0.5	U	0.5	U	0.5	U
Methylcyclohexane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	0.5	U	0.5	1070000000000	0.5	U	0.5	U	0.5	U
Bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.5	U	0.5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	5	U	5	U	0.5		0.5	UJ	0.5	UJ
Toluene	0.5	UJ	0.5	UJ	0.5	B VS COURSES	0.5	E CONTRACTOR	0.5	U
trans-1,3-Dichloropropene	0.5	U	0.5		0.5		0.5	CONTRACTOR AND ADDRESS OF THE PARTY OF THE P	0.5	
1,1,2-Trichloroethane	0.5			U	0.5	Control Control	0.5	Manager Court Large	0.4	A STATE OF THE PARTY OF THE PAR
Tetrachloroethene	0.5		THE RESIDENCE ASSESSMENT OF THE PARTY OF THE	U	5		5	The state of the state of	5	Contract states
2-Hexanone	5	U	5			U	0.5		0.5	
Dibromochloromethane	0.5	THE RESERVE	THE RESIDENCE OF THE PARTY AND ADDRESS.	U	0.5		0.5	1 1005000000000000000000000000000000000	0.5	THE PERSON NAMED IN
1,2-Dibromoethane	0.5		0.5	_		U	0.5		0.5	
Chlorobenzene	0.5	The second second	EDITOR OF THE PROPERTY AND ADDRESS OF THE PERSON NAMED AND ADD	U	0.5	THE RESERVE AND ADDRESS OF THE PARTY OF THE	0.5		0.5	0.0000000000000000000000000000000000000
Ethylbenzene	0.5		0.5			UJ	0.5		0.5	
Xylenes (total)	0.5	O BUILD CONTRACTOR OF		UJ	0.5		0.5	THE PERSON NAMED IN	0.5	STREET, SQUARE,
Styrene	0.5		0.5			U	0.5		0.5	-
Bromoform	0.5	CONTRACTOR AND ADDRESS OF THE PARTY OF THE P	0.5	District Control of the Control of t	0.5	CO. BOSCOCKO PROPERTY	0.5	THE RESERVE OF THE PARTY OF THE	0.5	AN CONTRACTOR NAMES
Isopropylbenzene	0.5		0.5				0.5		0.5	
1,1,2,2-Tetrachloroethane	0.5	CONTRACTOR OF THE PARTY	0.5	1910 (2012/05/2019)	COLUMN TO CONTRACTOR AND ASSESSED.	U	Management and Land Company of the C	THE RESIDENCE OF THE PARTY OF T	0.5	A DESCRIPTION
1,3-Dichlorobenzene	0.5		0.5		0.5		0.5			
1,4-Dichlorobenzene	0.5	NAME AND ADDRESS OF THE OWNER, WHEN THE OWNER,	0.5	DE PROPOSES AND P	THE STREET, SAN THE PARTY OF TH	U	0.5	THE RESIDENCE OF CONTRACT	0.5	EL CLEANING TANK
1,2-Dichlorobenzene	0.5		0.5		0.5		0.5		0.5	
1,2-Dibromo-3-chloropropane	0.5	CONTRACTOR STREET	0.5	OR STREET, SQUARE, SQU	CONTRACTOR AND ADDRESS OF THE PARTY OF THE P	U	0.5	THE RESPONSE OF THE PERSON	CONTRACTOR CONTRACTOR	OR DESIGNATION OF
1,2,4-Trichlorobenzene	0.5		0.5		0.5		0.5		0.5	
1,2,3-Trichlorobenzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

- 1 11 1 1 1 1	E0566	-	E0567		E0568		E0569		E0570	
Sample Number :	RW-9		RW-10		RW-10D		RW-11		RW-12	
Sampling Location :	Water		Water		Water		Water		Water	
Matrix:			ug/L		ug/L		ug/L		ug/L	
Units:	ug/L 01/07/2003		01/06/2003		01/06/2003		01/06/2003		01/06/2003	
Date Sampled :			13:00		13:00		16:45		17:10	
Time Sampled :	15:35		N/A		N/A		N/A		N/A	
%Moisture:	N/A		N/A		IN/A					
pH:			1.0		1.0		1.0		1.0	
Dilution Factor :	1.0	Floor	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Volatile Compound	Result	Flag	0.5	U	0.5	U		U	0.5	U
Dichlorodifluoromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane	0.5	U	0.5	U	0.5		The second secon	U	0.5	U
Vinyl Chloride	0.5	U	0.5	U	0.5	U	0.5	U .	0.5	U
Bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	0.5	SEE STREET, SE	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	0.5	1000 CH 1000 C	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U			5	R	5	R	5	R
Acetone	5	R	5	R U	0.5	U	0.5	U	0.5	U
Carbon Disulfide	0.5	U	0.5	R	0.5	R	0.5	R	0.5	R
Methyl Acetate	0.5	R	0.5	Library	CATHOLISM STORES STORES	U	0.5	U	0.5	U
Methylene Chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tert-Butyl Methyl Ether	0.5	U	0.7		0.7	U	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	0.5	U	0.5	22220000000000	THE RESIDENCE HERE AND ADDRESS OF THE PARTY	U	0.5	U
cis-1,2-Dichloroethene	0.5	U	0.08	J	0.07	J	0.5	U	5	U
2-Butanone	5	U	5	U	5	U	5	U	0.5	U
Bromochloromethane	0.5	U	0.5	U	0.5	U	0.5	And the same of th	0.5	U
Chloroform	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U		U
Cyclohexane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	0.2	J	0.2	J	0.5	U	0.5	U
Trichloroethene	0.5	U	10		10		0.05	J	0.5	
Methylcyclohexane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
1,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	
Bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	222200000
4-Methyl-2-pentanone	5	U	5	U	5	U	5	U	5	
Toluene	0.5	UJ	0.5	UJ	0.5		0.5	UJ	0.5	Salar Charles Control
trans-1,3-Dichloropropene	0.5		0.5		0.5		0.5		0.5	er engineering over the con-
1,1,2-Trichloroethane	0.5			U		U	0.5		0.5	OF THE RESIDENCE AND ADDRESS OF THE PERSON O
Tetrachloroethene	0.03	No. of Control of Cont	The Confession of the Confessi	U	EST DESCRIPTION AND ADDRESS OF THE PERSON NAMED IN COLUMN 1	U	0.04	and the second	0.5	and the same of the same of
2-Hexanone	5		5		5		5		0.5	
Dibromochloromethane	0.5			U	MARKET BEST AND STREET OF THE CONTRACT	U	0.5		0.5	NAME OF STREET
1,2-Dibromoethane	0.5		0.5		0.5		0.5		and the second second second	
Chlorobenzene	0.5	Section and common	THE RESIDENCE OF THE PROPERTY OF	U	COLOR DEDUCATION OF THE PROPERTY.	U		U	0.5	Mark British Control of the Control
Ethylbenzene	0.5		0.5		0.5		0.5			_
Xylenes (total)	0.5	EST DESCRIPTION OF THE PERSON	0.5	NO. BOSTO CONTRACTOR		U	0.5	Control of the last of the las	0.5	
Styrene	0.5	U	0.5		0.5		0.5		0.5	
Bromoform	0.5	U	0.5	The State of the S		U	0.5	Control of the Contro	0.5	ATT MEDICAL PROPERTY
Isopropylbenzene	0.5	U	0.5		0.5		0.5	CONTRACTOR CONTRACTOR CONTRACTOR	0.5	
1,1,2,2-Tetrachloroethane	0.5	U	0.5	U	CHIEF CHIEF CONTROL CO	U	0.5	C1   B140 C2 C C C C C C C C C C C C C C C C C C	0.5	
1,3-Dichlorobenzene	0.5	THE RESIDENCE OF THE PARTY OF T	0.5	U	0.5		0.5	and the second second second	0.5	
1,4-Dichlorobenzene	0.5		0.5	U		5 U	0.5	THE RESERVE OF THE PARTY OF	0.5	THE RESIDENCE OF THE
1,2-Dichlorobenzene	0.5		0.5	Contract of the Contract of th		5 U	0.5		0.5	
1,2-Dibromo-3-chloropropane	0.5		0.5		0.5	5 U	0.5	U	0.5	Marie Charles on Services
1,2,4-Trichlorobenzene	0.5	District Control of the Control of t	0.5	THE RESERVOIRS OF THE PERSON NAMED IN COLUMN 1	0.5	5 U	0.5		0.5	TWO ISSUES AND ADDRESS OF THE PARTY OF THE P
1,2,3-Trichlorobenzene	0.5		0.5		0.5	5 U	0.5	U	0.5	5 U

O I Markey	E0571		E0572		E0573		E0574		E0575	
Sample Number :	RW-13		RW-14		RW-15		RW-16		RW-17	
Sampling Location :	Water		Water		Water		Water		Water	
Matrix:			ug/L		ug/L		ug/L		ug/L	
Units:	ug/L 01/07/2003		01/06/2003		01/07/2003		01/07/2003		01/07/2003	
Date Sampled :			12:51		16:30		16:45		17:00	
Time Sampled :	14:55		N/A		N/A		N/A		N/A	
%Moisture :	N/A		N/A		IN/A					
pH:	1.0		1.0		1.0		1.0		1.0	
Dilution Factor:		Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Volatile Compound	Result	U	0.5	U	0.5	U		U	0.5	U
Dichlorodifluoromethane	0.5 0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U
Vinyl Chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	CONTRACTOR CONTRACTOR	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	0.5	100 mg/m/s	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U	5	R	5	R	5	R	5	R
Acetone	5	R	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Disulfide	0.5	U	0.5	R	0.5	R	0.5	R	0.5	R
Methyl Acetate	0.5	R	0.0000000000000000000000000000000000000	U	0.5	U	0.5	U	0.5	U
Methylene Chloride	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
tert-Butyl Methyl Ether	0.5	U		U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	0.5	200	0.5	U	0.5	U	0.5	U
cis-1,2-Dichloroethene	0.5	U	0.5	U	5	U	5	U	5	U
2-Butanone	5	U	5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	0.5	U	0.5	U		U	0.5	U	0.1	J
Chloroform	0.2	J	0.5	U	0.5	20012122222	0.5	U	0.5	U
1,1,1-Trichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cyclohexane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride	0.5	U	0.5	U	0.5	U		U	0.5	
Benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene	0.5	U	0.9		0.5	U	0.5	U	0.5	12220120000
Methylcyclohexane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	Annual Control of the
1,2-Dichloropropane	0.5	U	0.5	BECKER STREET	0.5	\$100,000,000,000,000	0.5	U	0.5	STATE OF THE PARTY.
Bromodichloromethane	0.5	U	0.5		0.5	U	0.5	U	0.5	
cis-1,3-Dichloropropene	0.5	U	0.5	A PRODUCE OF THE PARTY OF	0.5	U	5	U	5	
4-Methyl-2-pentanone	5	U	5		5		0.5		0.5	
Toluene	0.5	UJ	0.5	O CONTRACTOR OF THE PARTY OF TH	0.5		0.5	CONTRACTOR OF STREET	0.5	NAME OF TAXABLE PARTY.
trans-1,3-Dichloropropene	0.5		0.5		0.5			U	0.5	
1,1,2-Trichloroethane	0.5	A MANYSON SHIP OF		U		U	0.06		0.5	
Tetrachloroethene	0.5		CONTRACTOR OF THE PROPERTY OF	U	5	the same of the same of	5		5	Charles and the same of the sa
2-Hexanone	5		5	_		U	0.5	_	0.5	
Dibromochloromethane	0.5	STATE	0.5		PER CONTRACTOR CONTRACTOR	SEE SECTION STREET, SULL	0.5	COMPRESSION CONTRACTOR	0.5	St. Berry Stiller
1,2-Dibromoethane	0.5		0.5		0.5	U	0.5		0.5	
Chlorobenzene	0.5	25 ESTATISTICATE	0.5	The state of the s	\$200 BLANAN SLOST SALAN SALAS	St. Mary St. Contraction	0.5	ALC: A CONTROL OF STREET	0.5	10 100000000000000000000000000000000000
Ethylbenzene	0.5		0.5		0.5	UJ	0.5		0.5	_
Xylenes (total)	0.5	NAME AND ADDRESS OF TAXABLE PARTY.	0.5	TO BUTCH STREET, MILES		CO THE PERSON OF	0.5	OR BRITANDA PROPERTY.	0.5	
Styrene	0.02		0.5		0.5		0.5		0.5	
Bromoform	0.5	UNITED STOCKED COLOR OF	0.5		SUMPRISON OF STREET	U	0.5	00 100000000000000000000000000000000000	0.5	CO. RECOGNIZATION
Isopropylbenzene	0.5		0.5		0.5		0.5		0.5	and the second second second
1,1,2,2-Tetrachloroethane	0.5	10 (1000)	0.5	THE RESIDENCE OF THE PERSON NAMED IN	STATE CONTRACTOR STATE OF STAT	U	CASE CONTRACTOR AND		0.5	SE CONTRACTOR
1,3-Dichlorobenzene	0.5		0.5		0.5		0.5	_	0.5	
1,4-Dichlorobenzene	0.5	U	0.5	CATAL BASINGS NOT THE VALUE OF	0.3	THE PART OF COLUMN	COLUMN TO SERVICE DE LA COLUMN	U	THE RESERVE OF THE PARTY OF THE	Exchange and the second
1,2-Dichlorobenzene	0.5		0.5		0.5		0.5		0.6	
1,2-Dibromo-3-chloropropane	0.5	THE DESIGNATION OF		5 U	0.8	ACAD DOCUMENT OF THE PARTY OF T		5 U	0.6	
1,2,4-Trichlorobenzene	0.5		0.5		0.8		0.5	_	0.8	
1,2,3-Trichlorobenzene	0.5	U	0.5	5 U	0.9	5 U	0.5	5 U	0.5	0

Sample Number :	E0577		VBLK10		VBLK13		VBLK15		VHBLK07	
Sampling Location :	TB-SAS									
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	01/03/2003									
Time Sampled :	12:00				1				1	
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH:	1,000									
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
Chloromethane	0.5	U	0.5	U	0.5	U	0.3	J	0.5	U
Vinyl Chloride	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
Bromomethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	0.2	J	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	R	5	R	5	R	5	R	5	R
Acetone	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Disulfide	0.5	R	0.5	R	0.5	R	0.5	R	0.5	R
Methyl Acetate	0.5	U	0.5	U	0.5	UJ	0.1	J	0.1	J
Methylene Chloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	THE PERSON NAMED IN	U	0.5	U	0.5	U	0.5	U	0.5	U
tert-Butyl Methyl Ether	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,2-Dichloroethene	0.5	transcommunication and the last of the las		U	5	U	5	U	5	U
2-Butanone	5	U	5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	0.4	J	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	0.5	U	0.5		0.5	U	0.5	U	0.5	U
Cyclohexane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylcyclohexane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromodichloromethane	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.5	U	0.5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	5	U	5	J	0.03	J	0.5	U	0.5	U
Toluene	0.5	UJ	0.03	U	0.05		0.5		0.5	U
trans-1,3-Dichloropropene	0.5	U	0.5		0.5	and the second second	0.5		0.5	
1,1,2-Trichloroethane	0.5	a secondocument	0.5		0.07		0.5		0.5	
Tetrachloroethene	0.5	Contract Con	0.5	CONTRACTOR OF THE	5	Contract designation of the	5		5	C CONTRACTOR CONTRACTOR
2-Hexanone	5	U	0.5		0.5		0.5		0.5	
Dibromochloromethane	0.5	Commence of the last	0.5	Control of the second	0.5	A STATE OF THE PARTY OF THE PAR	0.5	CONTRACTOR OF STREET	0.5	00 0000 POST 1750 PM
1,2-Dibromoethane	0.5				0.5		0.5		0.5	
Chlorobenzene	0.5		0.5		0.04		0.5		0.5	
Ethylbenzene	0.5		0.03		0.04		0.5		0.5	
Xylenes (total)	0.5	CONTRACTOR OF THE PERSON NAMED IN	0.1	J	0.2	THE RESERVE OF THE PARTY OF THE	0.5	THE RESERVE OF THE PARTY OF THE	0.5	THE RESIDENCE OF STREET, SALES
Styrene	0.5		0.5				0.5	and the same of the same	0.5	
Bromoform	0.5		0.5	ES BESSELECT TO SERVICE	0.5		0.5		0.5	CONTRACTOR AND
Isopropylbenzene	0.5	and the same of the same of	0.05		0.04		0.5		0.5	
1,1,2,2-Tetrachloroethane	0.5		0.5		0.5	STREET, STREET,		The state of the s	0.5	THE RESIDENCE OF THE PERSON NAMED IN
1,3-Dichlorobenzene	0.5		0.1		0.1		0.5		0.5	
1,4-Dichlorobenzene	0.5	NAME AND ADDRESS OF THE OWNER, TH	0.5	ENGLISH BENEFATION	THE STATE OF THE PARTY OF THE P	U	0.5	No. in Contract Contracts	COLUMN TO SERVICE DE LA COMPANSION DE LA	CONTRACTOR DESCRIPTION OF THE PERSON OF THE
1,2-Dichlorobenzene	0.5		0.5	and the second second second	0.5	_	0.5		0.5	
1,2-Dibromo-3-chloropropane	0.5	NAME AND ADDRESS OF THE OWNER, THE	0.5	THE RESIDENCE OF THE PARTY OF	0.5	AND DESCRIPTION OF THE PERSON NAMED IN	0.5	and an internal section of the last	0.5	ON THE PROPERTY OF
1,2,4-Trichlorobenzene	0.5	The second second	0.4		0.4		0.5		0.5	
1,2,3-Trichlorobenzene	0.5	U	0.3	J	0.4	J	0.5	U	0.5	U

	RW1	RW2	RW3	RW4	RW5
Sample Number :		NON-	NON-	NON-	NON-
Sampling Location:	NON- water	water	vvater	vvater	vvater
Matrix:	ug/L	ug/L	ug/L	ug/L	ug/L
Jnits:	1/7/2003	1/7/2003	1/6/2003	1/6/2003	1/7/2003
Date Sampled :	1415	1615	1642	1325	1130
Time Sampled :	Result Flag		Result Fla	g Result Flag	
Analyte	49.4	101	36.5 J	76.8	64.6
Aluminum	49.4 U	U	U	U	U
Antimony	U	U	U	U	U
Arsenic	78.7	97.6	47.9	47.1	75.3
Barium		U	U	U	U
Beryllium	U	0.2 J	U	U	U
Cadmium	U	123000	51100	40400	89000
Calcium	68800	123000 U	U	U	U
Chromium	U	4.4	U	2.8 J	U
Cobalt	U	180	14.3 L	99.7	51.9
Copper	55.2	14000 K	7080 K	10500 K	46.4
Iron	253	26.8	1.1 J	30.3	1.9 J
Lead	5.7	35300	11400	11000	23000
Magnesium	16500	DESCRIPTION OF THE PERSON OF T	153	642	6 J
Manganese	7.9 J	1550 U	U	U	U
Mercury	U	44.3	3.9	25.2	7.2
Nickel	4.2	5150 K	2800 K	4260 K	6470 K
Potassium	3680 K	WE REAL PROPERTY OF THE PROPERTY OF THE PARTY OF	U	U	U
Selenium	U	U	U	U	U
Silver	U	176000 K	5900 K	44000 K	252000 K
Sodium	92600 K	The second secon	U	U	U
Thallium	U	U	U	U	U
Vanadium	U	U 400	2600	170	15.4 J
Zinc	67.5	182	2000		
Cyanide					

Sample Number :	RW6		RW7		RW8		RW9		RW10	
Sampling Location :	NON-		NON-		NON-		NON-		NON-	
Matrix :	vvater	•	vvater	_	vvater		vvater	_	vvater	
Units:	ug/L		ug/L		ug/L		ug/L		ug/L 1/6/2003	
Date Sampled :	1/7/2003		1/7/2003		1/6/2003		1/7/2003		1300	
Time Sampled :	1140		1145		1740		1535	Flor	Result	Flag
Analyte	Result	Flag	Result	Flag	Result	Flag	Result	Flag	611	riag
Aluminum	60.3		64		31.5	J	99.5 U	1.1	U	
Antimony	U		U		U			mu navrisid	4.4	
Arsenic	U		U		U		74.4		61.3	
Barium	74.4		66.2		58.5		71.1		U	
Beryllium	U		U		U		U		1.5	
Cadmium	U		U		U		0.2	J	64300	
Calcium	89300		96200	CONTRACTOR OF THE PARTY OF THE	49400		135000		1.9	
Chromium	U		U		U		U	WINDS OF STREET	29.2	NOTICE SERVICE
Cobalt	U		U	2010/01/07/07/07	U		U		29.2	
Copper	49.6		88.9		96.4		100	B404819018797	33000	
Iron	31.8	J	32.9	J	234		U		Control of the Contro	RESTRICTED BY
Lead	. 2		U		U		1.5		34.9	
Magnesium	23000		25500	HIGH STRUCTURE AND	13100		20800	STATISTICS SHOW	18800	DESCRIPTION OF PERSONS ASSESSED.
Manganese	6.5	J	53.9		99.8		6.3	J	1390	
Mercury	U		U	100000 PERSON	U		U		0.1	J
Nickel	6.3		5.5		3.8		2.5		221	14
Potassium	6600	K	6320	K	5410	K	5150	K	4540	K
Selenium	U		L	1	U		U		U	100000000
Silver	U		L		U	DEPOSIT STATE OF STAT	U	10000000000000	46900	BENESON STREET
Sodium	249000	K	235000	K	58200	NAMES OF THE PARTY OF THE PARTY.	10100			
Thallium	U		L	STREET, STREET	U	100000000000000000000000000000000000000	U	BIE!	U	\$100 PER 21 SERVICE
Vanadium	U		L	1	U		10.5		304	
Zinc	19.6	J	11.5	5 J	U		18.5	J	304	
Cyanide	ACCOUNT OF THE PARTY OF THE PAR									

Sample Number :	RW11		RW12		RW13		RW14		RW15	
Sampling Location :	NOÑ-		NON-		NON-		NÔÑ-		NON-	
Matrix :	vvater		vvater		vvater		vvater		vvater	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	1/6/2003		1/6/2003		1/7/2003		1/6/2003		1/7/2003	
Time Sampled :	1645		1710		1455		1251		1630	
Analyte	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aluminum	25.9	J	61.4		54.3		26.6	J	74.3	
Antimony	U		U		U	peleton saturati	U	ORNOVO CONTO	U	
Arsenic	U		U	THE RESIDENCE OF THE PERSON NAMED IN	U		U		4.4	
Barium	43		61.9		88		32.6	DESCRIPTION OF THE PARTY OF THE	72.9 U	
Beryllium	U		U		U		U		The Land of Party of the Control of	
Cadmium	U		U		U	No. of State State State	U	MARKET PARTY TO SEE	1.5 104000	
Calcium	38600		94800		78700		40000			
Chromium	U		U		U	America (School)	U	SCHOOL SHIP ST	1.2	
Cobalt	U		U	PERSONAL PROPERTY AND IN	U		U	SEE ST. 700.10	U	
Copper	46.8		13.3		79.9		53.3		376	
Iron	273		1360	Colors Help Color NC2	22.6	R2653/55/00/00/0	152		109 1.9	STREET, SALK SALE
Lead	3.4		1.2		1.0		U	100000000000000000000000000000000000000		J
Magnesium	11000		22800	A STATE OF THE PARTY OF	19500	DESCRIPTION OF THE PERSON NAMED IN	10300	NAME OF TAXABLE PARTY.	24200	
Manganese	7.2	J	167		3.5	J	272		U	FEET-CONT.
Mercury	U	THE RESERVE OF THE PERSON NAMED IN	U	200 1600 4210 400	U		U	STATE OF THE PARTY	11.4	30000
Nickel	3.9		2.4		2.8		5.7		10600	NO. COLORS NO.
Potassium	4020	K	2760	K	4140	NAME OF TAXABLE PARTY.	2750	\$600K3KKK-1760	10000	
Selenium	U		l		U		U		U	
Silver	U		L	1 1000000000000000000000000000000000000	U	E1000000000000000000000000000000000000	U		472000	V
Sodium	47300	K	27600	K	113000	and the second second second	84300	MANAGEMENT NAMED	and the security are an alternative the state of	N.
Thallium	U		l		U		U		U	
Vanadium	U			"	U		000	THE RESIDENCE	51.6	en esse en
Zinc	18.7	J	16.4	J	38.9		26.8	J	51.0	
Cyanide			1							

Sample Number :	RW16		RW17							
Sampling Location :	NON-		NON-	- 1		- 1		- 1		
Matrix :	vvater		vvater	- 1				- 1		
Units:	ug/L		ug/L					- 1		
Date Sampled :	1/7/2003		1/7/2003			- 1		- 1		
Time Sampled :	1645		1700						5 "	- Fi
Analyte	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Aluminum	49.7		43.4	J						
Antimony	U		U		and the control of th	engo esta estado				CALLES TO COME.
Arsenic	U		U							
Barium	62.1		54.3		passeninis la Littore College	enteres and the	NAME OF TAXABLE PARTY.	100000000000000000000000000000000000000	DESCRIPTION OF STREET	STATE OF THE PARTY
Beryllium	U		U							
Cadmium	U		U		Marie Company of the		100000000000000000000000000000000000000	1950/2000/075000		ES 625.473
Calcium	75700		51100					350.00		
Chromium	U		U	and the second second		MANAGER CONTRACTOR	menurgor entresco.	consist beginn		DESCRIPTION.
Cobalt	U		U							
Copper	353		249		MARKONING TO MAKE SCREET COST		Marchael Color (All Printers Color	and the same		
Iron	43.3		U	THE RESIDENCE OF THE PARTY OF T						
Lead	22.5		U		and the state of t	***	156.2 HT 167.0 HT 167.0 HT 177.0 HT	W 10070000000000000000000000000000000000	100 CO	MATERIAL PROPERTY.
Magnesium	19000		12700	SCHOOL WAS AND						
Manganese	U		U			Samuel Contract	NAME OF TAXABLE PARTY.			H-10025-240-
Mercury	U		U	COLUMN TO SERVICE						
Nickel	4.3		4.5				CONTRACTOR OF STREET		market en al a	100000000
Potassium	4330	K	4510	Contract Con						1000000
Selenium	U		U	and the second second second		-	CONTRACTOR STATE			-
Silver	U		U	A REAL PROPERTY.						ALC: N
Sodium	141000	K	87500				NAMES AND ADDRESS OF TAXABLE			3 002500000
Thallium	U		l	STREET, STREET			A POST OFFI			The same of
Vanadium	U		L		NAME OF THE OWN POST OF THE OWN					
Zinc	81.4		l							
Cyanide										

# Appendix B

Well Logs



Phone: 614-265-6740 email: cleve.brown@dnr.state.oh.us

Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 397404

## ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON-

City:

State: OH

Zip Code:

Location Number: 406

Location Map Year: 1975 Location Area:

## **CONSTRUCTION DETAILS**

**Borehole Diameter:** 

Total Depth: 45 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 42 ft.

Well Use:

Screen Length:

Date of Completion: 7/25/69

Aquifer Type: SANDSTONE

Driller's Name: FOWLER DRILLING INC.

## WELL TEST DETAILS

Static Water Level: 13 ft.

Test Rate: 25 gpm

**Associated Reports** 

Drawdown: 2 ft.

Test Duration: 2 hrs.

NONE

#### **COMMENTS:**

<b>Formations</b>	From	To
GRAVEL & CLAY	0 -	10
SANDSTONE	10 -	45







Phone: 614-265-6740

email: <u>cleve.brown@dnr.state.oh.us</u> Water Home: <u>http://www.dnr.state.oh.us/water</u>

## WELL LOG AND DRILLING REPORT

Well Log Number: 366317

Conduct Another Search

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-RESPONSIVE

**ONSIVE** Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON-

City:

State: OH

Zip Code:

Location Number: 262

Location Map Year: 1990 Location Area:

**CONSTRUCTION DETAILS** 

Borehole Diameter:

Total Depth: 32 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 32 ft.

Well Use:

Screen Length:

Date of Completion: 9/1/67

Aquifer Type: SANDSTONE

Driller's Name: FOWLER H W

WELL TEST DETAILS

Static Water Level: 8 ft.

Test Rate: 35 gpm

**Associated Reports** 

Drawdown: 8 ft.

Test Duration: 2 hrs.

NONE

**COMMENTS:** 

WELL LOG

FormationsFrom ToSAND0 - 8SANDSTONE8 - 32







Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 498786

## ORIGINAL OWNER AND LOCATION

Original Owner Name: NON- Lot Number:

County: SUMMIT

RESPONSI Township: COVENTRY

Section Number:

Address: NON-

City:

State: OH

Zip Code:

Location Number: 263

Location Map Year: 1990 Location Area:

#### CONSTRUCTION DETAILS

**Borehole Diameter:** 

Total Depth: 45 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 30 ft.

Well Use:

Screen Length:

Date of Completion: 3/27/77

Aquifer Type: SANDSTONE

Driller's Name: COVENTRY WELL & PUMP SERVICE

#### WELL TEST DETAILS

Static Water Level: 12 ft.

Test Rate: 20 gpm

**Associated Reports** 

Drawdown: 0 ft.

Test Duration: 3 hrs.

NONE

#### **COMMENTS:**

<b>Formations</b>	From	To
CLAY	0 -	8
SANDSTONE	8 -	45





Phone: 614-265-6740 email: <u>cleve.brown@dnr.state.oh.us</u>

Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 355776

Conduct Another Search

## ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

ON- Lot Number:

County: SUMMIT

Township: COVENTRY

**Section Number:** 

Address: NON-

City:

State: OH

Zip Code:

Location Number: 407

Location Map Year: 1975 Location Area:

## CONSTRUCTION DETAILS

**Borehole Diameter:** 

Total Depth: 35 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 35 ft.

Well Use:

Screen Length:

Date of Completion: 2/13/67

Aquifer Type: SANDSTONE

Driller's Name: FOWLER DRILLING INC.

## WELL TEST DETAILS

Static Water Level: 8 ft.

Test Rate: 16 gpm

**Associated Reports** 

Drawdown: 4 ft.

Test Duration: 2 hrs.

NONE

## **COMMENTS:**

<b>Formations</b>	From		To
SAND	O	-	25
BROKEN SANDSTONE	25	-	33
SANDSTONE	33	-	35







Phone: 614-265-6740

email: <u>cleve.brown@dnr.state.oh.us</u>

Water Home: http://www.dnr.state.oh.us/water

#### WELL LOG AND DRILLING REPORT

Well Log Number:

9977202

Conduct Another Search

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

RESPO

Lot Number:

Township: COVENTRY

Section Number:

County: SUMMIT
Address: NON-

City:

State: OH

Zip Code:

Location Number: 503

Location Map Year: 1975 Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Total Depth: 20 ft.

Depth to Bedrock:

Casing Diameter: 4 in.

Casing Thickness:

Casing Length: 12 ft.

Well Use:

Screen Length:

Date of Completion: 9/8/58

Aquifer Type: SANDSTONE

Driller's Name: WRIGHT, MERLE WELL DRILLING

WELL TEST DETAILS

Static Water Level: 22 ft.

Test Rate: 8 gpm

**Associated Reports** 

Drawdown: 16 ft.

Test Duration: 1 hrs.

NONE

**COMMENTS:** 

WELL LOG

Formations

SAND & CLAY

0 - 11

SANDSTONE

11 - 20





Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 175031

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON

City:

State: OH

Zip Code:

Location Number: 504

Location Map Year: 1975 Location Area:

**CONSTRUCTION DETAILS** 

**Borehole Diameter:** 

Total Depth: 26 ft.

Depth to Bedrock:

Casing Diameter: 6 in.

Casing Thickness:

Casing Length: 20 ft.

Well Use:

Screen Length:

Date of Completion: 2/27/56

Aquifer Type: SANDSTONE

Driller's Name: PUGH WELL DRILLING

WELL TEST DETAILS

Static Water Level: 7 ft.

Test Rate: 20 gpm

**Associated Reports** 

Drawdown: 0 ft.

Test Duration: 0.5 hrs.

NONE

#### **COMMENTS:**

<b>Formations</b>	From To
SAND & CLAY	0 - 20
SANDSTONE	20 - 26
WATER AT	26 - 26







Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us

Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 925523

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON-

City: AKRON **Location Number:**  State: OH

Zip Code: 44319

Location Map Year:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 6 in.

Total Depth: 60 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness: 0.275 in. Casing Length: 45 ft.

Well Use: DOMESTIC Aquifer Type: SHALE

Screen Length:

Date of Completion: 1/10/02

Driller's Name: COOPER WATER WELL DRILLING

WELL TEST DETAILS

Static Water Level: 7 ft.

Test Rate: 20 gpm

**Associated Reports** 

Drawdown: 15 ft.

Test Duration: 1 hrs.

NONE

## **COMMENTS:**

<b>Formations</b>	From	To
CLAY/SAND/GRAVEL	0 -	5
SAND & GRAVEL	5 -	28
SHALE	28 -	40
SANDSTONE	40 -	44
SHALE	44 -	60





Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 707551

## ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY Section Number:

Address: NON-

City: RESPON

State: OH

Zip Code:

**Location Number:** 

Location Map Year:

Location Area:

#### CONSTRUCTION DETAILS

**Borehole Diameter:** 

Total Depth: 39 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 35 ft.

Well Use: DOMESTIC

Screen Length:

Date of Completion: 6/5/90

Aquifer Type: SAND

Driller's Name: FOWLER DRILLING INC.

## WELL TEST DETAILS

Static Water Level: 6 ft.

Test Rate: 15 gpm

**Associated Reports** 

Drawdown: 20 ft.

Test Duration: 1 hrs.

NONE

#### **COMMENTS:**

## WELL LOG

**Formations** From To BRN SAND 0 - 39







Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 242144

# ORIGINAL OWNER AND LOCATION

Original Owner Name: NON- Lot Number:

County: SUMMIT

RESPONS Township: COVENTRY

Section Number:

Address: NON-

City:

State: OH

Zip Code:

Location Number: 261

Location Map Year: 1990 Location Area:

#### CONSTRUCTION DETAILS

Borehole Diameter:

Total Depth: 44 ft.

Depth to Bedrock:

Casing Diameter: 4 in.

Casing Thickness:

Casing Length: 43 ft.

Well Use: Aquifer Type: SANDSTONE Screen Length: Date of Completion: 8/1/60 Driller's Name: FOWLER DRILLING INC.

## WELL TEST DETAILS

Static Water Level: 6 ft.

Test Rate: 75 gpm

**Associated Reports** 

Drawdown: 4 ft.

Test Duration: 3 hrs.

NONE

#### **COMMENTS:**

<b>Formations</b>	From	To
SAND	0 -	15
SANDSTONE	15 -	44







Phone: 614-265-6740

email: <u>cleve.brown@dnr.state.oh.us</u> Water Home: <u>http://www.dnr.state.oh.us/water</u>

## WELL LOG AND DRILLING REPORT

Well Log Number: 351312

Conduct Another Search

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON-RESPONSIVE

City:

State: OH

Zip Code:

Location Number: 403

Location Map Year: 1975 Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Total Depth: 19 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 21 ft.

Well Use:

Screen Length:

Date of Completion: 6/27/66

Aquifer Type: SANDSTONE

Driller's Name: PUGH WELL & PUMP, INC.

WELL TEST DETAILS

Static Water Level: 4 ft.

Test Rate: 20 gpm

**Associated Reports** 

Drawdown: 6 ft.

Test Duration: 1 hrs.

NONE

#### **COMMENTS:**

WELL LOG

**Formations** 

DRY SAND & GRAVEL

From T

0

BROKEN SANDSTONE

15 - 19







Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us

Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 695662

## ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

Township: COVENTRY

Section Number:

Address: NO

County: SUMMIT

City:

State: OH

Zip Code:

Location Number: 266

Location Map Year: 1990 Location Area:

## CONSTRUCTION DETAILS

**Borehole Diameter:** 

Total Depth: 38 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 40 ft.

Well Use:

Screen Length:

Date of Completion: 5/6/89

Aquifer Type: SANDSTONE

Driller's Name: PUGH WELL & PUMP, INC.

## WELL TEST DETAILS

Static Water Level: 9 ft.

Test Rate: 20 gpm

**Associated Reports** 

Drawdown: 5 ft.

Test Duration: 1 hrs.

NONE

#### **COMMENTS:**

<b>Formations</b>	From	$T_0$
SAND	0 -	22
SANDSTONE	22 -	38





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Water Well Log and Drilling Report Ohio Department of Natural Resources Division of Water

Phone: 614-265-6740

email: <u>cleve.brown@dnr.state.oh.us</u> Water Home: <u>http://www.dnr.state.oh.us/water</u>

## WELL LOG AND DRILLING REPORT

Well Log Number: 563002

Conduct Another Search

## ORIGINAL OWNER AND LOCATION

RESPON

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON

City:

RESPONSIV

State: OH

Zip Code:

Location Number: 265

Location Map Year: 1990 Location Area:

## **CONSTRUCTION DETAILS**

**Borehole Diameter:** 

Total Depth: 53 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 32 ft.

Well Use:

Screen Length:

Date of Completion: 8/15/79

Aquifer Type: SANDSTONE

Driller's Name: PUGH WELL & PUMP, INC.

## WELL TEST DETAILS

Static Water Level: 28 ft.

Test Rate: 20 gpm

**Associated Reports** 

Drawdown: 0 ft.

Test Duration: 1 hrs.

NONE

#### **COMMENTS:**

<b>Formations</b>	From	To
SAND & GRAVEL	0 -	26
SANDSTONE	26 -	53







Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us

Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 524904

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON-RESPO

City:

State: OH

Zip Code:

Location Number: 264

Location Map Year: 1990 Location Area:

**CONSTRUCTION DETAILS** 

Borehole Diameter:

Total Depth: 45 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 33 ft.

Well Use:

Screen Length:

Date of Completion: 10/4/77

Aquifer Type: SANDSTONE

Driller's Name: FOWLER DRILLING INC.

WELL TEST DETAILS

Static Water Level: 27 ft.

Test Rate: 20 gpm

**Associated Reports** 

Drawdown: 0 ft.

Test Duration: 2 hrs.

NONE

#### **COMMENTS:**

<b>Formations</b>	From	To
GRAVEL & CLAY	0 -	18
SANDSTONE	18 -	45





email: cleve.brown@dnr.state.oh.us Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 645847

## ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY Section Number:

Address: NON-

RESPONSIV City:

State: OH

Zip Code:

Location Number:

Location Map Year:

Location Area:

#### CONSTRUCTION DETAILS

Borehole Diameter:

Total Depth: 51 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 36 ft.

Well Use:

Screen Length:

Date of Completion: 6/27/84

Aquifer Type: SANDSTONE

Driller's Name: COOPER WATER WELL DRILLING

#### WELL TEST DETAILS

Static Water Level: 32 ft.

Test Rate: 15 gpm

**Associated Reports** 

Drawdown: 9 ft.

Test Duration: 1 hrs.

NONE

## **COMMENTS:**

<b>Formations</b>	From	To
GRAVEL & CLAY	0 -	30
SANDSTONE	30 -	51







Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 336203

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

LONG Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON-RESPONSIVE

City:

State: OH

Zip Code:

Location Number: 402

Location Map Year: 1975 Location Area:

CONSTRUCTION DETAILS

**Borehole Diameter:** 

Total Depth: 60 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 30 ft.

Well Use:

Screen Length:

Date of Completion: 8/18/65

Aquifer Type: SHALE

Driller's Name: FOWLER DRILLING INC.

WELL TEST DETAILS

Static Water Level: 27 ft.

Test Rate: 21 gpm

Associated Reports

Drawdown: 3 ft.

Test Duration: 2 hrs.

NONE

#### **COMMENTS:**

<b>Formations</b>	From		To
SAND & GRAVEL	0	-	26
SANDSTONE	26	-	56
SHALE	56	-	60







Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us

Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 122113

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON-RESPONS

City:

State: OH

Zip Code:

Location Number: 397

Location Map Year: 1975 Location Area:

CONSTRUCTION DETAILS

**Borehole Diameter:** 

Total Depth: 50 ft.

Depth to Bedrock:

Casing Diameter: 4 in.

Casing Thickness:

Casing Length: 30 ft.

Well Use:

Screen Length:

Date of Completion: 3/15/54

Aquifer Type: SANDSTONE

Driller's Name: FOWLER DRILLING INC.

WELL TEST DETAILS

Static Water Level: 24 ft.

Test Rate: 10 gpm

**Associated Reports** 

Drawdown: 4 ft.

Test Duration: 1 hrs.

NONE

**COMMENTS:** 

<b>Formations</b>	From	To
GRAVEL & CLAY	0 -	26
SANDSTONE	26 -	50







Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 157590

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON-RESPONSI

City:

State: OH

Zip Code:

Location Number: 400

Location Map Year: 1975 Location Area:

**CONSTRUCTION DETAILS** 

**Borehole Diameter:** 

Total Depth: 36 ft.

Depth to Bedrock:

Casing Diameter: 4 in.

Casing Thickness:

Casing Length: 20 ft.

Well Use:

Screen Length:

Date of Completion: 6/22/55

Aquifer Type: SANDSTONE

Driller's Name: PUGH WELL & PUMP, INC.

WELL TEST DETAILS

Static Water Level: 13 ft.

Test Rate: 20 gpm

Associated Reports

Drawdown: 0 ft.

Test Duration: 0.5 hrs.

NONE

**COMMENTS:** 

WELL LOG

**Formations** From To SAND & CLAY - 20 SANDSTONE 20 - 36







Phone: 614-265-6740

email: <u>cleve.brown@dnr.state.oh.us</u>

Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 343771

Conduct Another Search

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

RESPONSI

Township: COVENTRY

Section Number:

Address: NON-RESPONSIV

City:

State: OH

Zip Code:

Location Number: 399

Location Map Year: 1975 Location Area:

CONSTRUCTION DETAILS

Borehole Diameter:

Total Depth: 52 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 34 ft.

Well Use:

Screen Length:

Date of Completion: 5/21/66

Aquifer Type: SILTSTONE

Driller's Name: FOWLER DRILLING INC.

WELL TEST DETAILS

Static Water Level: 17 ft.

Test Rate: 30 gpm

**Associated Reports** 

Drawdown: 4 ft.

Test Duration: 2 hrs.

NONE

#### **COMMENTS:**

<b>Formations</b>	From To	)
YEL SAND & CLAY	0 - 18	
BROKEN SANDSTONE	18 - 34	
SILTSTONE	34 - 52	







email: cleve.brown@dnr.state.oh.us

Water Home: http://www.dnr.state.oh.us/water

#### WELL LOG AND DRILLING REPORT

Well Log Number: 239861

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-RESPONSIVE

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON-RESPONSIVE

City:

Location Number: 398

State: OH

Lot Number:

Zip Code:

Location Map Year: 1975 Location Area:

**CONSTRUCTION DETAILS** 

**Borehole Diameter:** 

Casing Diameter: 4 in.

Well Use:

Aquifer Type: SANDSTONE

Total Depth: 53 ft.

Depth to Bedrock:

Casing Thickness: Screen Length:

Casing Length: 36 ft.

Date of Completion: 7/9/60 Driller's Name: FOWLER DRILLING INC.

WELL TEST DETAILS

Static Water Level: 26 ft.

Drawdown: 2 ft.

Test Rate: 16 gpm

**Associated Reports** 

Test Duration: 1 hrs.

NONE

**COMMENTS:** 

WELL LOG

**Formations** SAND & GRAVEL

SANDSTONE

30 - 53

0





Phone: 614-265-6740

email: <u>cleve.brown@dnr.state.oh.us</u> Water Home: <u>http://www.dnr.state.oh.us/water</u>

## WELL LOG AND DRILLING REPORT

Well Log Number: 623472

Conduct Another Search

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON-RESPON

SPONSIVE

City:

State: OH

Zip Code:

Location Number: 1394

Location Map Year: 1990 Location Area:

**CONSTRUCTION DETAILS** 

**Borehole Diameter:** 

Total Depth: 56 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 25 ft.

Well Use:

Screen Length:

Date of Completion: 4/28/86

Aquifer Type: SANDSTONE

Driller's Name: FRANTZ DAWSON DRILLING CO

WELL TEST DETAILS

Static Water Level: 20 ft.

Test Rate: 9 gpm

**Associated Reports** 

Drawdown: 5 ft.

Test Duration: 2 hrs.

NONE

## **COMMENTS:**

<b>Formations</b>	From To	
BROKEN ROCK	0 - 2	
TOP SOIL	2 - 2	
BROKEN SANDSTONE	2 - 10	
BRN SANDSTONE	10 - 45	
GRY SHALE	45 - 50	
BRN SANDSTONE	50 - 56	







Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us

Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 656815

Conduct Another Search

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY Section Number:

Address: NON-RES

PONSIVE

City:

State: OH

Zip Code:

Location Number: 1394

Location Map Year: 1990 Location Area:

**CONSTRUCTION DETAILS** 

**Borehole Diameter:** 

Total Depth: 130 ft.

Depth to Bedrock:

Casing Diameter: 4 in.

Casing Thickness:

Casing Length: 84 ft.

Well Use:

Screen Length:

Date of Completion: 9/24/86

Aquifer Type: SHALE

Driller's Name: FOWLER DRILLING INC.

**WELL TEST DETAILS** 

Static Water Level: 40 ft.

Test Rate: 12 gpm

**Associated Reports** 

Drawdown: 50 ft.

Test Duration: 2 hrs.

NONE

**COMMENTS:** 

WELL LOG

FormationsFromToSANDSTONE0 - 70SHALE70 - 130



Phone: 614-265-674

email: cleve.brown@dnr.state.oh.u Water Home: http://www.dnr.state.oh.us/wate

## WELL LOG AND DRILLING REPORT

Well Log Number: 723193

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-RESPONSIVE

County: SUMMIT

Lot Number:

Township: COVENTRY Section Number:

Address: NON-RESPONSIVE

City:

**Location Number:** 

State: OH

Zip Code:

Location Map Year:

Location Area:

CONSTRUCTION DETAILS

**Borehole Diameter:** 

Casing Diameter: 5 in.

Well Use: DOMESTIC Aquifer Type: SHALE Total Depth: 135 ft.

Depth to Bedrock:

Casing Thickness:

Casing Length: 102 ft.

Screen Length:

Date of Completion: 12/7/90

Driller's Name: FOWLER DRILLING INC.

WELL TEST DETAILS

Static Water Level: 47 ft.

Drawdown: 70 ft.

Test Rate: 15 gpm

**Associated Reports** 

Test Duration: 1 hrs.

SEALING REPORT

## **COMMENTS:**

<b>Formations</b>	From	To
YEL GRAVEL & CLAY	0	- 4
BRN SANDSTONE	4	- 55
GRY SHALE	55	- 135







Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us

Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 172436

Conduct Another Search

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON-RES

ess: NON-RESPONSIVE

City:

State: OH

Zip Code:

Location Number: 495

Location Map Year: 1975 Location Area:

**CONSTRUCTION DETAILS** 

**Borehole Diameter:** 

Total Depth: 60 ft.

Depth to Bedrock:

Casing Diameter: 4 in.

Casing Thickness:

Casing Length: 45 ft.

Well Use:

Screen Length:

Date of Completion: 8/12/56

Aquifer Type: SANDSTONE

Driller's Name: FOWLER H W

WELL TEST DETAILS

Static Water Level: 40 ft.

Test Rate: 10 gpm

**Associated Reports** 

Drawdown: 2 ft.

Test Duration: 2 hrs.

NONE

## **COMMENTS:**

<b>Formations</b>	From	To
SAND & GRAVEL	0 -	40
SANDSTONE	40 -	- 60







Phone: 614-265-6740

email: <u>cleve.brown@dnr.state.oh.us</u>

Water Home: http://www.dnr.state.oh.us/water

## WELL LOG AND DRILLING REPORT

Well Log Number: 122139

Conduct Another Search

ORIGINAL OWNER AND LOCATION

Original Owner Name: CBUCKLEY Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: 2977 MANCHESTEK ROAD

City:

State: OH

Zip Code:

Location Number: 498

Location Map Year: 1975 Location Area:

**CONSTRUCTION DETAILS** 

**Borehole Diameter:** 

Total Depth: 40 ft.

Depth to Bedrock:

Casing Diameter: 4 in.

Casing Thickness:

Casing Length: 15 ft.

Well Use:

Screen Length:

Date of Completion: 1/14/55

Aquifer Type: SANDSTONE

Driller's Name: FOWLER H W

WELL TEST DETAILS

Static Water Level: 14 ft.

Test Rate: 10 gpm

**Associated Reports** 

Drawdown: 6 ft.

Test Duration: 1 hrs.

NONE

**COMMENTS:** 

WELL LOG

FormationsFromToGRAVEL & CLAY0 - 15SANDSTONE15 - 40





Phone: 614-265-6

email: cleve.brown@dnr.state.c

Water Home: http://www.dnr.state.oh.us/w

## WELL LOG AND DRILLING REPORT

Well Log Number: 305336

ORIGINAL OWNER AND LOCATION

Original Owner Name: BACKLEY'S AUTO WRECK Lot Number:

County: SUMMIT Township: COVENTRY

Address: 2977 MANCHESTER ROAD

City:

Location Number: 497

State: OH

Zip Code:

Section Number:

Location Map Year: 1975 Location Area:

**CONSTRUCTION DETAILS** 

Borehole Diameter:

Casing Diameter: 5 in.

Well Use:

Aquifer Type: SHALE

Total Depth: 42 ft.

Depth to Bedrock: Casing Thickness: Casing Length: 37 ft.

Screen Length:

Date of Completion: 5/6/64

Driller's Name: FOWLER H W

WELL TEST DETAILS

Static Water Level: 5 ft.

Drawdown: 21 ft.

Test Rate: 18 gpm

**Associated Reports** 

Test Duration: 2 hrs.

NONE

## **COMMENTS:**

<b>Formations</b>	From	To
SAND	0	- 4
BROKEN SANDSTONE	4	- 37
SANDSTONE	37	- 40
SHALE	40	- 42



Water Well Log and Drilling Report Ohio Department of Natural Resources Division of Water

Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us

Water Home: http://www.dnr.state.oh.us/water

#### WELL LOG AND DRILLING REPORT

Well Log Number: 520748

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON-RESPONSIVE

City:

State: OH

Zip Code:

Location Number: 1393

Location Map Year: 1990 Location Area:

**CONSTRUCTION DETAILS** 

**Borehole Diameter:** 

Total Depth: 55 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 36 ft.

Well Use:

Screen Length:

Date of Completion: 8/2/80

Aquifer Type: SANDSTONE

Driller's Name: GIVENS WELL DRILLING

WELL TEST DETAILS

Static Water Level: 25 ft.

Test Rate: 20 gpm

**Associated Reports** 

Drawdown: 3 ft.

Test Duration: 12 hrs.

NONE

**COMMENTS:** 

WELL LOG

**Formations** From To BROKEN SHALE - 28 SANDSTONE 28 - 55





Water Well Log and Drilling Report Ohio Department of Natural Resources Division of Water

Phone: 614-265-6740

- --- - -- -

email: cleve.brown@dnr.state.oh.us Water Home: http://www.dnr.state.oh.us/water

#### WELL LOG AND DRILLING REPORT

Well Log Number: 267049

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

RESPONSIV

Township: COVENTRY

Section Number:

Address: NON-RESPONSIVE

City:

State: OH

Zip Code:

Location Number: 496

Location Map Year: 1975 Location Area:

CONSTRUCTION DETAILS

**Borehole Diameter:** 

Total Depth: 51 ft.

Depth to Bedrock:

Casing Diameter: 4 in.

Casing Thickness:

Casing Length: 30 ft.

Well Use:

Screen Length:

Date of Completion: 6/27/62

Aquifer Type: SANDSTONE

Driller's Name: FOWLER H W

WELL TEST DETAILS

Static Water Level: 28 ft.

Test Rate: 16 gpm

**Associated Reports** 

Drawdown: 2 ft.

Test Duration: 2 hrs.

NONE

**COMMENTS:** 

WELL LOG

**Formations** From To SAND & GRAVEL - 20 SANDSTONE 20 - 51





Water Well Log and Drilling Report Ohio Department of Natural Resources Division of Water

Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us Water Home: http://www.dnr.state.oh.us/water

#### WELL LOG AND DRILLING REPORT

Well Log Number: 404264

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

County: SUMMIT

Township: COVENTRY

**Section Number:** 

Address: NON-RESPONSIVE

City:

State: OH

Zip Code:

Location Number: 500

Location Map Year: 1975 Location Area:

CONSTRUCTION DETAILS

**Borehole Diameter:** 

Total Depth: 29 ft.

Depth to Bedrock:

Casing Diameter: 7 in.

Casing Thickness:

Casing Length: 33 ft.

Well Use:

Screen Length:

Date of Completion: 3/31/70

Aquifer Type: SANDSTONE

Driller's Name: PUGH WELL DRILLING

WELL TEST DETAILS

Static Water Level: 8 ft.

Test Rate: 18 gpm

**Associated Reports** 

Drawdown: 14 ft.

Test Duration: 1 hrs.

NONE

**COMMENTS:** 

WELL LOG

**Formations** From To SAND & GRAVEL - 14 BROKEN SANDSTONE 14 - 29



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Water Well Log and Drilling Report Ohio Department of Natural Resources Division of Water Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us

Water Home: http://www.dnr.state.oh.us/water

#### WELL LOG AND DRILLING REPORT

Well Log Number: 686246

#### ORIGINAL OWNER AND LOCATION

Original Owner Name: NON

Lot Number:

County: SUMMIT

Township: COVENTRY

Section Number:

Address: NON-RESPONSIVE

City:

State: OH

Zip Code:

Location Number: 1392

Location Map Year: 1990 Location Area:

#### **CONSTRUCTION DETAILS**

Borehole Diameter:

Total Depth: 120 ft.

Depth to Bedrock:

Casing Diameter: 5 in.

Casing Thickness:

Casing Length: 60 ft.

Well Use: .

Screen Length:

Date of Completion: 8/15/88

Aquifer Type: SHALE

Driller's Name: FOWLER DRILLING INC.

#### WELL TEST DETAILS

Static Water Level: 15 ft.

Test Rate: 15 gpm

**Associated Reports** 

Drawdown: 30 ft.

Test Duration: 1 hrs.

NONE

#### **COMMENTS:**

Formations	Fron	1 To
SANDY CLAY	0	- 7
BRN SANDSTONE	7	- 42
GRY SHALE	42	- 44
BRN SANDSTONE	44	- 48
GRY SHALE	48	- 120



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Water Well Log and Drilling Report Ohio Department of Natural Resources Division of Water

Phone: 614-265-6740

email: cleve.brown@dnr.state.oh.us Water Home: http://www.dnr.state.oh.us/water

#### WELL LOG AND DRILLING REPORT

Well Log Number: 264818

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-

Lot Number:

Township: COVENTRY

Section Number:

County: SUMMIT

Address: NON-RESPONSIVE

City:

State: OH

Zip Code:

Location Number: 499

Location Map Year: 1975 Location Area:

CONSTRUCTION DETAILS

**Borehole Diameter:** 

Total Depth: 67 ft.

Depth to Bedrock:

Casing Diameter: 4 in.

Casing Thickness:

Casing Length: 31 ft.

Well Use:

Screen Length:

Date of Completion: 10/18/61

Aquifer Type: SHALE

Driller's Name: ALCHIER WELL DRILLING

WELL TEST DETAILS

Static Water Level: 6 ft.

Test Rate: 20 gpm

**Associated Reports** 

Drawdown: 3 ft.

Test Duration: 2 hrs.

NONE

#### **COMMENTS:**

WELL LOU			
<b>Formations</b>	From		To
CLAY	0	-	8
SANDSTONE	8	-	31
SHALE	31	-	35
SANDSTONE	35	_	40
SHALE	40	-	67
BROKEN CLAY & SANDSTONE	67	-	

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Water Well Log and Drilling Re Ohio Department of Natural Resou Division of W

Phone: 614-265-6

email: cleve.brown@dnr.state.ol Water Home: http://www.dnr.state.oh.us/w

#### WELL LOG AND DRILLING REPORT

Well Log Number: 512893

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-RESPONSIVE

Lot Number:

County: SUMMIT

Township: COVENTRY Section Number:

Address: NON-RESPONS

City:

State: OH

Zip Code:

Location Number: 1391

Location Map Year: 1990 Location Area:

**CONSTRUCTION DETAILS** 

**Borehole Diameter:** 

Casing Diameter: 7 in.

Aquifer Type: SHALE

Well Use:

Total Depth: 60 ft.

Depth to Bedrock:

Casing Thickness:

Casing Length: 52 ft.

Screen Length:

Date of Completion: 5/11/77

Driller's Name: COOPER WATER WELL DRILLING

WELL TEST DETAILS

Static Water Level: 9 ft.

Test Rate: 40 gpm

**Associated Reports** 

Drawdown: 30 ft.

Test Duration: 1 hrs.

NONE

**COMMENTS:** 

From	l	To
0	-	8
8	-	29
29	-	35
35	-	60
	0 8 29	From  0 -  8 -  29 -  35 -







Water Well Log and Drilling Re Ohio Department of Natural Resou Division of W

Phone: 614-265-6

email: cleve.brown@dnr.state.ol Water Home: http://www.dnr.state.oh.us/w

#### WELL LOG AND DRILLING REPORT

Well Log Number: 493562

ORIGINAL OWNER AND LOCATION

Original Owner Name: NON-RESPONSIVE

County: SUMMIT

Lot Number:

Township: COVENTRY

Section Number:

Address: NON-RES

City:

State: OH

Zip Code:

Location Number: 1391

Location Map Year: 1990 Location Area:

**CONSTRUCTION DETAILS** 

**Borehole Diameter:** 

Total Depth: 91 ft.

Depth to Bedrock:

Casing Diameter: 7 in.

Casing Thickness:

Casing Length: 42 ft.

Well Use:

Screen Length:

Date of Completion: 2/19/76

Aquifer Type: SHALE

Driller's Name: PUGH WELL & PUMP, INC.

**WELL TEST DETAILS** 

Static Water Level: 16 ft.

Test Rate: 50 gpm

**Associated Reports** 

Drawdown: 20 ft.

Test Duration: 1 hrs.

NONE

**COMMENTS:** 

<b>Formations</b>	From		To
GRAVEL & CLAY	0	-	8
SANDSTONE	8	-	42
SHALE	42	-	91

1 450 1 01 1



Water Well Log and Drilling Report Ohio Department of Natural Resources Division of Water

Phone: 614-265-6740

email: <u>cleve.brown@dnr.state.oh.us</u> Water Home: <u>http://www.dnr.state.oh.us/water</u>

#### WELL LOG AND DRILLING REPORT

Well Log Number: 159777

Conduct Another Search

#### ORIGINAL OWNER AND LOCATION

.. and .. an and min arming trahore

Original Owner Name: NON-

Lot Number:

County: SUMMIT

SPONSI Township: COVENTRY

Section Number:

Address: NON-RESPONSIVE

City:

State: OH

Zip Code:

Location Number: 1393

Location Map Year: 1990 Location Area:

#### **CONSTRUCTION DETAILS**

Borehole Diameter:

Total Depth: 92 ft.

Depth to Bedrock:

Casing Diameter: 4 in.

Casing Thickness:

Casing Length: 73 ft.

Well Use:

Screen Length:

Date of Completion: 10/10/55

Aquifer Type: GRIT

Driller's Name: YANTIS H V

#### WELL TEST DETAILS

Static Water Level: 8 ft.

Test Rate: 20 gpm

**Associated Reports** 

Drawdown: 4 ft.

Test Duration: 1 hrs.

NONE

#### **COMMENTS:**

<b>Formations</b>	From		To
OLD WELL	O	-	73
SHALE	73	_	84
GRY GRIT	84	-	92
WATER AT	92	_	92



# Appendix C GIS Maps and Tables

RADIUS	TOTAL	WHITE	BLACK	INDIAN	ASIAN	HAWAII_PA	OTHER	HOUSING
3.00 - 4.00	48840	28403	18048	134	935	12	1309	19397
2.00 - 3.00	41713	34840	5477	131	361	4	900	16919
1.00 - 2.00	21280	20376	406	53	143	2	300	8970
0.50 - 1.00	4027	3812	134	10	17	1	53	1774
0.25 - 0.50	810	766	24	2	5	1	12	365
0.00 - 0.25	167	163	0	1	1	0	3	71
TOTALS	116837	88360	24089	331	1462	20	2577	47496

#### PUBLIC WATER SUPPLY SYSTEMS WITHIN A 4-MAILE RADIUS OF BUCKLEY TOWING

ID	PWS ID	SYS TYPE	NAME	ADDRESS	CITY	STATE	DISTANCE	POPULATION
1	7701912	Community	LAKESIDE MOBILE HOME PK	2930 MANCHESTER ROAD	AKRON	ОН	0.2123	108
2	7765312	Non-Community/Transient	KC'S LAKES LOUNGE	3420 MANCHESTER ROAD	AKRON	ОН	0.6928	200
3	7756812	Non-Community/Transient	PORTAGE LAKES ROOT BEER	1024 SWIGART ROAD	BARBERTON	ОН	0.7306	350
4	7782712	Non-Community/Transient	PORTAGE LAKES MEDICAL	3515 MANCHESTER ROAD	AKRON	ОН	0.9602	50
5	7738312	Non-Community/Transient	MR. HERO RESTAURANT	3454 MANCHESTER ROAD	AKRON	OH	0.9635	250
6	7747512	Non-Community/Transient	HONEYMOON DONUTS	372 VALENTINES BROOK	MUNROE FALLS	OH	1.0103	150
7	7793412	Non-Community/Transient	ODNR - DISTRICT 3	912 PORTAGE LAKE DRIVE	AKRON	OH	1.1974	25
8	7798212	Non-Community/Transient	HOLLAND OIL #26	3357 MANCHESTER ROAD	AKRON	OH	1.2847	25
9	7756912	Non-Community/Transient	AKRON AUTO AUCTION	2471 LEY DRIVE	AKRON	OH	1.2861	50
10	7788512	Non-Community/Non-Transient	MAIN PARKWAY CENTER	38 ROCHE WAY	YOUNGSTOWN	OH	1.3393	
11	7706712	Community	PORTAGE LK KIWANIS TOWER	399 PORTAGE LAKES DRIVE	AKRON	OH	1.3584	46
12	7794412	Non-Community/Transient	SPEE-D-FOODS - S MAIN ST	2337 SOUTH MAIN STREET	AKRON	ОН	1.3652	50
13	7764212	Non-Community/Transient	THE HARBOR	562 PORTAGE LAKE DRIVE	AKRON	ОН	1.5266	
14	7767912	Non-Community/Transient	ROSE VILLA RESTAURANT	368 PORTAGE LAKES DRIVE	AKRON	ОН	1.5518	
15	7708712	Community	SNUG HARBOR CONDO ASSOC.	255-F PORTAGE LAKES DR	AKRON	OH	1.5735	
16	7708912	Community	SPINNAKER BAY APARTMENTS	325 PORTAGE LAKES DR.	AKRON	OH	1.5948	
17	7798112	Non-Community/Transient	METROPKS-FIRESTONE PAVIL	975 TREATY LINE ROAD	AKRON	ОН	1.6064	
18	7761712	Non-Community/Non-Transient	LAKEVIEW ELEMENTARY SCL.	2910 SOUTH MAIN STREET	AKRON	OH	1.6074	
19	7709012	Community	HIGHPOINT VILLA APTS.	325 PORTAGE LAKES DR.	AKRON	OH	1.7044	
20	7794512	Non-Community/Non-Transient	PORTAGE LAKES PLAZA	99 N. COLLEGE	AKRON	ОН	1.7222	
21	7765412	Non-Community/Transient	HEY JUDE'S	3090 S.MAIN STREET	AKRON	OH	1.8103	
22	7796012	Non-Community/Transient	ST.FRANCIS CHURCH	4009 MANCHESTER ROAD	AKRON	ОН	1.8430	
23	7741912	Non-Community/Non-Transient	ST. FRANCIS DE SALES SCH	4009 MANCHESTER ROAD	AKRON	ОН	1.8600	
24	7703112	Community	SUMMIT CO-BRENTWOOD	2525 STATE ROAD	CUYAHOGA FALLS	ОН	1.8645	
25	7709112	Community	PENGUIN CONDOMINIUMS	2153 PENGUIN AVE.	AKRON	OH	1.9676	
26	7788812	Non-Community/Transient	PORTAGE LAKES LIBRARY	4259 MANCHESTER ROAD	AKRON	ОН	2.2103	
27	7721812	Non-Community/Transient	FIRESTONE CC-SO CRSE RR1	452 E. WARNER ROAD	AKRON	ОН	2.2124	
28	7708012	Community	INTERVAL BROTHERHOOD HOM	3445 SOUTH MAIN ST	AKRON	OH	2.3216	
29	7792212	Non-Community/Non-Transient	IBH MULTI PURPOSE BLDG	3455 SOUTH MAIN STREET	AKRON	ОН	2.3216	
30	7786212	Non-Community/Non-Transient	FIRESTONE COUNTRY CLUB	452 E. WARNER ROAD	AKRON	ОН	2.3618	
31	7731212	Non-Community/Transient	BRASKO'S COVENTRY TAVERN	1644 W. TURKEYFOOT LAKE R	BARBERTON	OH	2.4247	
32	7757012	Non-Community/Transient	AKRON YACHT CLUB	5653 DAILEY ROAD	AKRON	ОН	2.4367	
33	7721912	Non-Community/Transient	FIRESTONE CC-SO CRSE RR2	452 E. WARNER ROAD	AKRON	ОН	2.4505	
34	7759912	Non-Community/Transient	FIRESTONE CC/W.CRS.PAVIL	452 EAST WARNER ROAD	AKRON	OH	2.5302	
35	7721112	Non-Community/Non-Transient	RUBBER ASSOCIATES	1522 W. TURKEY LAKE RD.	BARBERTON	ОН	2.5340	
36	7722812	Non-Community/Transient	GOODYEAR YACHT CLUB	1265 JOHN'S ROAD	CLINTON	ОН	2.5418	
37	7744712	Non-Community/Transient	THE UPPER DECK	357 WEST TURKEYFOOT LAKE	AKRON	ОН	2.5866	200

# PUBLIC WATER SUPPLY SYSTEMS WITHIN A 4-MAILE RADIUS OF BUCKLEY TOWING

						07475	DIOTANICE DO	DI II ATION
ID	PWS ID	SYS_TYPE		, DDI (LOO	CITY		DISTANCE PC 2.6269	50
38	7745812	Non-Community/Transient		472 W. TURKEYFOOT LAKE RO		ОН		70
39	7775912	Non-Community/Transient		401 W.TURKEYFOOT LAKE ROA		OH	2.6637	32
40	7720312	Non-Community/Transient	0, 10 0, 0, 12	1256 KRUMROY ROAD	AKRON	ОН	2.6705	300
41	7773012	Non-Community/Transient	ANTHE'S	4315 MANCHESTER ROAD	AKRON	ОН	2.6823	400
42	7775612	Non-Community/Non-Transient	COTTAGE GROVE ELEM SCH	3185 DAISY AVENUE	AKRON	ОН	2.6838	250
43	7791012	Non-Community/Transient		3720 S. MAIN STREET	AKRON	ОН	2.7212	144
44	7703812	Community		1160 W. TURKEYFOOT LAKE R		ОН	2.7473	435
45	7743912	Non-Community/Non-Transient	TURKEYFOOT ELEMENTARY SC	530 WEST TURKEYFOOT LAKE		ОН	2.7603	57.5
46	7772612	Non-Community/Transient	AKRON ROTARY CLUB-1	4460 REX LAKE DRIVE	AKRON	ОН	2.7827	70
47	7772712	Non-Community/Transient	AKRON ROTARY CLUB-2	4460 REX LAKE DRIVE	AKRON	ОН	2.8043	70
48	7779412	Non-Community/Transient	ROYAL GARDENS	680 WEST TURKEYFOOT LAKE		ОН	2.8343	40
49	7770412	Non-Community/Transient	TURKEYFOOT ISLAND CLUB	4490 LAHM DR.	AKRON	ОН	2.8680	30
50	7770412	Non-Community/Transient	SANDBAR	3822 S. MAIN ST.	AKRON	ОН	2.8734	80
51	7791112	Non-Community/Transient	WOODY'S RESTAURANT	3829 SOUTH MAIN ST.	AKRON	ОН	2.8751	150
52	7770712	Non-Community/Transient	TURKEYFOOT LAKES GOLF-3	294 WEST TURKEYFOOT LAKE		ОН	2.9055	150
53	7798412	Non-Community/Transient	HOLLAND OIL #51	791 N. CLEVELAND-MASSILLO	1 GHENT	OH	2.9110	25
54	7790412	Non-Community/Transient	GAS & OIL #15	1256 KRUMROY ROAD	AKRON	ОН	2.9125	25
55	7770612	Non-Community/Transient	TURKEYFOOT LAKES GOLF-2	294 WEST TURKEYFOOT LAKE	AKRON	OH	2.9281	150
56	7770512	Non-Community/Transient	TURKEYFOOT LAKES GOLF-1	294 WEST TURKEYFOOT LAKE	EAKRON	ОН	2.9382	100
57	7770812	Non-Community/Transient	TURKEYFOOT SPORTSMAN CLU	4551 DUSTY'S ROAD	AKRON	OH	2.9988	50
58	7799012	Non-Community/Non-Transient	AMERICAN FREIGHTWAYS	678 KILLIAN RD	AKRON	ОН	2.9990	53
59		Non-Community/Transient	THOMPSON MEMORIAL CHURCH	994 SWARTZ ROAD	AKRON	ОН	3.0307	100
		Non-Community/Transient	SIR DUDLEY'S SPORTS PUB	2468 S.ARLINGTON STREET	AKRON	OH	3.0523	125
60		Non-Community/Transient	WINK'S DRIVE-IN	3929 S. MAIN STREET	AKRON	ОН	3.0533	50
61	7725012	Non-Community/Transient	BOB'S LAKE BAR	3950 SOUTH MAIN STREET	AKRON	OH	3.0724	120
62		Non-Community/Transient	PIZZA HUT-S. ARLINGTON	2916 S.ARLINGTON ROAD	AKRON	OH	3.0921	600
63		Non-Community/Transient	FREEDOM RD.COMM.CENTER	2418 S. ARLINGTON STREET	AKRON	OH	3.0942	200
64		Non-Community/Non-Transient	RING AROUND THE ROSIE DA	3895 S. MAIN STREET	AKRON	OH	3.0962	61
65			CRAFTSMAN RECREATION CL.	4450 REX LAKE DRIVE	AKRON	OH	3.1106	50
66		Non-Community/Transient	DIY HOME WAREHOUSE	2234 SOUTH ARLINGTON ST	AKRON	OH	3.1454	27
67		Non-Community/Non-Transient	SANDY BEACH TRAILER PARK	3785 SOUTH MAIN STREET	AKRON	OH	3.1838	108
68		Community	RITE AID - S. MAIN ST.	4053 S. MAIN ST.	GREEN	OH	3.2012	200
69		Non-Community/Transient	SOUTH MAIN CENTRE LTD	7530 LUCERNE DRIVE SUITE	1(CLEVELAND	OH	3.2074	50
70		Non-Community/Non-Transient	TADMOR TEMPLE	3000 KREBS DRIVE	AKRON	ОН	3.3358	200
71		Non-Community/Transient	GENE'S LOUNGE	3160 BARBER ROAD	NORTON	ОН	3.3921	100
72		Non-Community/Transient	ARLINGTON ROAD COMMONS	2717 ARLINGTON RD	AKRON	ОН	3.3998	50
73	7788212	Non-Community/Non-Transient	ARLINGTON ROAD COMMONS	2, , , , , , , , , , , , , , , , , , ,	rg turns solitationing			

#### PUBLIC WATER SUPPLY SYSTEMS WITHIN A 4-MAILE RADIUS OF BUCKLEY TOWING

ID_	PWS ID	SYS TYPE	NAME	ADDRESS	CITY	STATE	DISTANCE	POPULATION
_	7792912	_	WHITE CASTLE (ARLINGTON)	2900 ARLINGTON STREET	AKRON	ОН	3.4731	500
	7793712	Non-Community/Transient	KENNY ROGERS ROASTERS	2882 ARLINGTON RD	AKRON	OH	3.4951	84
	7747712	Non-Community/Transient	LAKEVIEW CHURCH OF CHRIS	4613 SOUTH MAIN STREET	AKRON	OH	3.5059	230
	7799212	Non-Community/Transient	LIBERTY GREEN PLAZA	525 N.CLEVELAND-MASSILLON	AKRON	OH	3.5116	25
	PWS ID	SYS TYPE	NAME	ADDRESS	CITY	STATE	DISTANCE	POPULATION
_	7707412	Community	PEBBLE CREEK CONVALESCEN	670 JARVIS ROAD	AKRON	OH	3.5172	180
	7780512	Non-Community/Transient	FRIENDLY ICE CREAM CORP.	2934 SOUTH ARLINGTON	AKRON	OH	3.5221	127
80	7708812	Community	HEALTHAVEN NURSING FACIL	615 LATHAM LANE	AKRON	OH	3.5619	92
81	7792512	Non-Community/Non-Transient	RYAN'S FAMILY STEAK	2863 ARLINGTON RD	AKRON	OH	3.5678	30
	7792812	Non-Community/Non-Transient	BIG BOY RESTAURANT-ARLIN	2877 S. ARLINGTON RD	AKRON	ОН	3.5897	26
83	7781912	Non-Community/Non-Transient	PRIME TIME PRESCHOOL	700 E TURKEYFOOT LAKE ROA	AKRON	ОН	3.6293	28
84	7791612	Non-Community/Non-Transient	WAL-MART #1911	2887 SOUTH ARLINGTON ROAL	AKRON	OH	3.6433	120
85	7796712	Non-Community/Transient	COMFORT INN - ARLINGTON	2010 0.711121110101111	AKRON	OH	3.6613	75
86	7761212	Non-Community/Non-Transient	K MART STORE NO.4414	160 S. UNIVERSITY DR. SUITE I	PLANTATION	FL	3.6794	56
87	7743712	Non-Community/Transient	TOMASOS ITALIAN VILLA		NORTON	ОН	3.6882	108
88	7780612	Non-Community/Transient	TACO BELL-S. ARLINGTON	3217 SOUTH ARLINGTON ROAL	AKRON	ОН	3.7046	62
89	7795312	Non-Community/Transient	TACO BELL-CANTON ROAD		AKRON	ОН	3.7046	62
90	7770312	Non-Community/Transient	FRANKLIN PARK CIVIC CENT		AKRON	ОН	3.7614	30
91	7723512	Non-Community/Transient	BOB EVANS RESTAURANT	3211 S.ARLINGTON ROAD	AKRON	ОН	3.7642	166
92	7720716	Non-Community/Transient	MCDONALDS-ARLINGTON RD.	400 WEST MARKET STREET	AKRON	ОН	3.7734	500
93	7789412	Non-Community/Transient	KING BUFFET	0100 011 11 121110 1011111	AKRON	ОН	3.7735	148
94	7754822	Non-Community/Non-Transient	HOLIDAY INN - AKRON SOUT		AKRON	ОН	3.8080	30
95	7784112	Non-Community/Transient	BP OIL STATION #05512	3171 SOUTH ARLINGTON ROAL		ОН	3.8181	75
96	7723612	Non-Community/Transient	DAY INN-S.ARLINGTON	3237 S.ARLINGTON ROAD	AKRON	ОН	3.8216	200
97	7720612	Non-Community/Transient	MCDONALDS-MANCHESTER RD.	400 WEST MARKET STREET	AKRON	ОН	3.8280	500
98	7792012	Non-Community/Transient	DENNY'S RESTAURANT-ARLIN	2943 S. ARLINGTON ROAD	AKRON	ОН	3.8306	800
99	7720412	Non-Community/Transient	CHATTER BOX,INC.	5105 MANCHESTER ROAD	AKRON	ОН	3.8442	60
100	7723712	Non-Community/Transient	WENDY'S-ARLINGTON ROAD	3570 FOREST LAKE DRSUITE		ОН	3.8529	92
101	7748012	Non-Community/Transient	MESSIAH LUTHERAN CHURCH	4700 SOUTH MAIN STREET	AKRON	ОН	3.8599	100
102	7786912	Non-Community/Non-Transient	AMES DEPT STORE-ARLINGTO	3200 SOUTH ARLINGTON RD	AKRON	ОН	3.8787	40
103	7796112	Non-Community/Transient	HILLCREST INN/CASTLEANEX	465 E. TURKEYFOOT LAKE RO		ОН	3.9495	25
104	7721712	Non-Community/Transient	LIBERTY COURT CONDOMINIU	3465 SO. ARLINGTON RD. SUIT		ОН	3.9585	25 30
105	7724412	Non-Community/Transient	MANCHESTER PLAZA	6976 PROMWAY AVE. NW	NORTH CANTON	ОН	3.9626	30

#### NATURAL HERITAGE DATA WITHIN 15 MILE RADIUS OF BUCKLEY TOWING

ID_	STATUS	DISTANCE	SCI NAME	COM NAME
1	State Endangered		NUPHAR VARIEGATA	BULLHEAD-LILY
2	State Threatened		ASTER DUMOSUS	BUSHY ASTER
3	State Threatened		EPILOBIUM STRICTUM	SIMPLE WILLOW-HERB
4	State Threatened		ERIMYZON SUCETTA	LAKE CHUBSUCKER
5	State Threatened		BETULA PUMILA	SWAMP BIRCH
6	State Threatened		SILENE CAROLINIANA VAR. PEN	
7	State Threatened		ZIZANIA AQUATICA	WILD RICE
8	State Endangered		HYPERICUM CANADENSE	CANADIAN ST. JOHN'S-WORT
9	State Threatened		EQUISETUM VARIEGATUM	VARIEGATED SCOURING-RUSH
10	State Threatened		LECHEA INTERMEDIA	ROUND-FRUITED PINWEED
11	State Threatened		HELIANTHEMUM BICKNELLII	PLAINS FROSTWEED
12	State Endangered		POTAMOGETON FRIESII	FRIES' PONDWEED
13	State Threatened		BETULA PUMILA	SWAMP BIRCH
14	State Endangered		SALIX PEDICELLARIS	BOG WILLOW
15	State Threatened		BETULA PUMILA	SWAMP BIRCH
16	State Threatened		CAREX ALBOLUTESCENS	PALE STRAW SEDGE
17	State Threatened		MENYANTHES TRIFOLIATA	BUCKBEAN
18	State Endangered		SPHAGNUM RIPARIUM	SHORE-GROWING PEAT MOSS
19	State Threatened		BARTRAMIA LONGICAUDA	UPLAND SANDPIPER
	State Threatened		POLYODON SPATHULA	PADDLEFISH
20 21	State Threatened		TOFIELDIA GLUTINOSA	FALSE ASPHODEL
22	State Threatened		POGONIA OPHIOGLOSSOIDES	ROSE POGONIA
23	State Threatened		PANICUM BOREALE	NORTHERN PANIC-GRASS
	State Threatened		LILIUM PHILADELPHICUM	WOOD LILY
24	State Threatened		SALIX CANDIDA	HOARY WILLOW
25	State Threatened		CAREX PROJECTA	NECKLACE SEDGE
26	State Threatened		VIBURNUM OPULUS VAR. AMER	
27			SILENE CAROLINIANA VAR. PEN	
28	State Threatened		CAREX CEPHALOIDEA	THIN-LEAF SEDGE
29	State Endangered		TYTO ALBA	BARN OWL
30	State Endangered		POTAMOGETON GRAMINEUS	GRASS-LIKE PONDWEED
31	State Endangered State Threatened		ELEOCHARIS OLIVACEA	OLIVACEOUS SPIKERUSH
32 33	State Threatened		ELYMUS TRACHYCAULUS	BEARDED WHEAT GRASS
34	State Threatened		TRIGLOCHIN MARITIMUM	SEASIDE ARROW-GRASS
35	State Threatened		TOFIELDIA GLUTINOSA	FALSE ASPHODEL
36	State Threatened		ADLUMIA FUNGOSA	MOUNTAIN-FRINGE
37	State Threatened		WOLFFIELLA GLADIATA	WOLFFIELLA
38	State Threatened		POTAMOGETON PULCHER	SPOTTED PONDWEED
39	State Threatened		POTAMOGETON PULCHER	SPOTTED PONDWEED
40	State Endangered		CAREX DISPERMA	TWO-SEEDED SEDGE
41	State Threatened		POA PALUDIGENA	MARSH SPEAR-GRASS
42	State Threatened		UTRICULARIA INTERMEDIA	FLAT-LEAVED BLADDERWORT
43	State Endangered		CARDAMINE PRATENSIS VAR. P.	
44	State Endangered		MYRIOPHYLLUM VERTICILLATUI	
45	State Threatened		CHIMAPHILA UMBELLATA	PIPSISSEWA
46	State Threatened		LECHEA INTERMEDIA	ROUND-FRUITED PINWEED
47	State Endangered		LUTRA CANADENSIS	RIVER OTTER
48	State Threatened		CAREX OLIGOSPERMA	FEW-SEEDED SEDGE
49	State Threatened		B ELEOCHARIS OLIVACEA	OLIVACEOUS SPIKERUSH
50	State Threatened		B HYPERICUM BOREALE	NORTHERN ST. JOHN'S-WORT
51	State Threatened		LECHEA INTERMEDIA	ROUND-FRUITED PINWEED
31	State Threatened	7.7714	LEGILA INTERMEDIA	

## NATURAL HERITAGE DATA WITHIN 15 MILE RADIUS OF BUCKLEY TOWING

ID_	STATUS	DISTANCE	SCI_NAME	COM_NAME
52	State Threatened		MENYANTHES TRIFOLIATA	BUCKBEAN
53	State Threatened		LECHEA PULCHELLA	LEGGETT'S PINWEED
54	State Inflatened		GLYCERIA ACUTIFLORA	SHARP-GLUMED MANNA-GRASS
55	State Endangered State Threatened		POTAMOGETON PULCHER	SPOTTED PONDWEED
56	State Threatened		LECHEA INTERMEDIA	ROUND-FRUITED PINWEED
	Federally Threatened		ACONITUM NOVEBORACENSE	NORTHERN MONKSHOOD
57	State Threatened		PANICUM MERIDIONALE	SOUTHERN HAIRY PANIC-GRASS
58	State Threatened		LECHEA PULCHELLA	LEGGETT'S PINWEED
59	State Threatened		LECHEA INTERMEDIA	ROUND-FRUITED PINWEED
60	Otato Timounonio		LECHEA INTERMEDIA	ROUND-FRUITED PINWEED
61	State Threatened		SALIX PEDICELLARIS	BOG WILLOW
62	State Endangered		VACCINIUM OXYCOCCOS	SMALL CRANBERRY
63	State Threatened			NORTHERN WOOD-REED
64	State Endangered		CINNA LATIFOLIA	NORTHERN ST. JOHN'S-WORT
65	State Threatened		HYPERICUM BOREALE	SMALL CRANBERRY
66	State Threatened		VACCINIUM OXYCOCCOS	BOG WILLOW
67	State Endangered	=0.000	SALIX PEDICELLARIS	FALSE ASPHODEL
68	State Threatened		TOFIELDIA GLUTINOSA	MOUNTAIN BINDWEED
69	State Endangered		POLYGONUM CILINODE	
70	State Threatened		LECHEA PULCHELLA	LEGGETT'S PINWEED
71	State Threatened		BETULA PUMILA	SWAMP BIRCH
72	State Threatened	70.00	WOLFFIELLA GLADIATA	WOLFFIELLA
73	State Threatened	.=.	UTRICULARIA INTERMEDIA	FLAT-LEAVED BLADDERWORT
74	State Threatened		HYPERICUM BOREALE	NORTHERN ST. JOHN'S-WORT
75	State Endangered		PLATANTHERA BLEPHARIGLOTT	
76	State Threatened		VACCINIUM OXYCOCCOS	SMALL CRANBERRY
77	State Endangered		UTRICULARIA GEMINISCAPA	TWO-SCAPED BLADDERWORT
78	State Endangered		XYRIS DIFFORMIS	CAROLINA YELLOW-EYED-GRASS
79	State Threatened		CLINTONIA UMBELLULATA	SPECKLED WOOD-LILY
80	State Threatened		CLINTONIA UMBELLULATA	SPECKLED WOOD-LILY
81	State Endangered	10.6695	CISTOTHORUS PLATENSIS	SEDGE WREN
82	State Threatened		WOLFFIELLA GLADIATA	WOLFFIELLA
83	State Endangered	10.9052	FUNDULUS DIAPHANUS MENONA	
84	State Threatened		SAGITTARIA RIGIDA	DEER'S-TONGUE ARROWHEAD
85	State Threatened	11.2885	UTRICULARIA INTERMEDIA	FLAT-LEAVED BLADDERWORT
86	State Threatened	11.2885	CAREX OLIGOSPERMA	FEW-SEEDED SEDGE
87	State Endangered	11.3090	GALIUM LABRADORICUM	BOG BEDSTRAW
88	State Threatened	11.3303	HYPERICUM BOREALE	NORTHERN ST. JOHN'S-WORT
89	State Threatened		SPIRANTHES ROMANZOFFIANA	HOODED LADIES'-TRESSES
90	State Endangered	11.3650	AGALINIS PURPUREA VAR. PAR	
91	State Threatened	11.3650	) UTRICULARIA INTERMEDIA	FLAT-LEAVED BLADDERWORT
92	State Threatened		S LECHEA PULCHELLA	LEGGETT'S PINWEED
93	State Threatened		B LECHEA INTERMEDIA	ROUND-FRUITED PINWEED
94	State Threatened		B EQUISETUM VARIEGATUM	VARIEGATED SCOURING-RUSH
95	State Threatened		3 TOFIELDIA GLUTINOSA	FALSE ASPHODEL
96	State Threatened		S SPIRANTHES ROMANZOFFIANA	HOODED LADIES'-TRESSES
97	State Endangered	11.4846	AGALINIS PURPUREA VAR. PAR	SMALL PURPLE FOXGLOVE
98	State Threatened	11.5338	3 UTRICULARIA INTERMEDIA	FLAT-LEAVED BLADDERWORT
99	State Threatened	11.5338	3 TOFIELDIA GLUTINOSA	FALSE ASPHODEL
100	State Threatened		B LECHEA PULCHELLA	LEGGETT'S PINWEED
101	State Threatened	11.5338	S SPIRANTHES ROMANZOFFIANA	HOODED LADIES'-TRESSES
102	State Endangered		B ARGIA BIPUNCTULATA	SEEPAGE DANCER

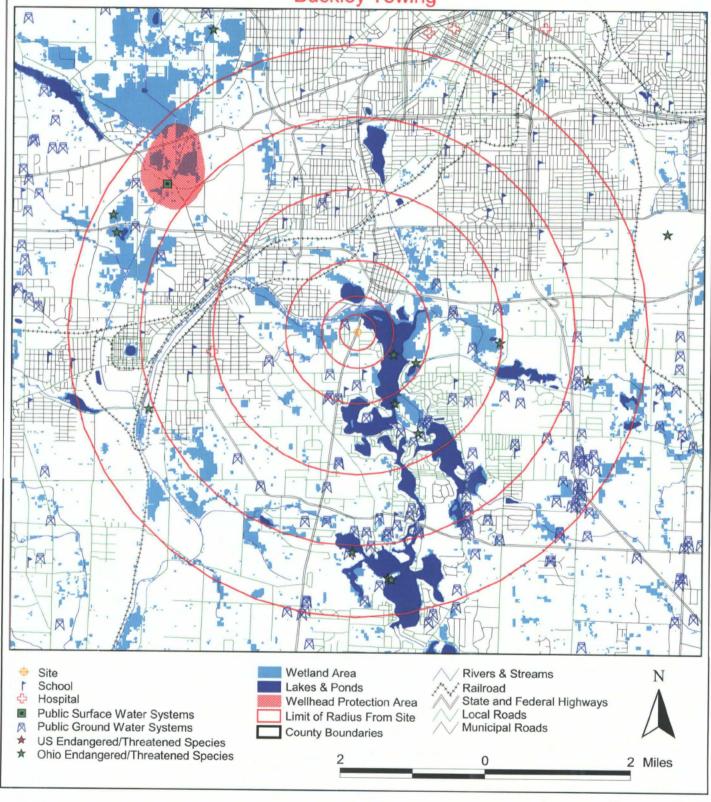
### NATURAL HERITAGE DATA WITHIN 15 MILE RADIUS OF BUCKLEY TOWING

ID_STATUSDISTANCESCI_NAMECOM_NAME103State Endangered11.5338 AGALINIS PURPUREA VAR. PARV SMALL PURPLE FOXGLOVE104State Threatened11.5400 LECHEA PULCHELLALEGGETT'S PINWEED105State Threatened11.5913 VIBURNUM OPULUS VAR. AMERICHIGHBUSH-CRANBERRY106State Endangered11.6275 BOTAURUS LENTIGINOSUSAMERICAN BITTERN107State Endangered11.6275 IXOBRYCHUS EXILISLEAST BITTERN108State Endangered11.6324 AGALINIS PURPUREA VAR. PARV SMALL PURPLE FOXGLOVE109State Threatened11.6324 TOFIELDIA GLUTINOSAFALSE ASPHODEL110State Threatened11.7209 EPILOBIUM STRICTUMSIMPLE WILLOW-HERB
105 State Threatened 11.5913 VIBURNUM OPULUS VAR. AMERICHIGHBUSH-CRANBERRY 106 State Endangered 11.6275 BOTAURUS LENTIGINOSUS AMERICAN BITTERN 107 State Endangered 11.6275 IXOBRYCHUS EXILIS LEAST BITTERN 108 State Endangered 11.6324 AGALINIS PURPUREA VAR. PARV SMALL PURPLE FOXGLOVE 109 State Threatened 11.6324 TOFIELDIA GLUTINOSA FALSE ASPHODEL 110 State Threatened 11.7209 EPILOBIUM STRICTUM SIMPLE WILLOW-HERB
106 State Endangered 11.6275 BOTAURUS LENTIGINOSUS AMERICAN BITTERN 107 State Endangered 11.6275 IXOBRYCHUS EXILIS LEAST BITTERN 108 State Endangered 11.6324 AGALINIS PURPUREA VAR. PARV SMALL PURPLE FOXGLOVE 109 State Threatened 11.6324 TOFIELDIA GLUTINOSA FALSE ASPHODEL 110 State Threatened 11.7209 EPILOBIUM STRICTUM SIMPLE WILLOW-HERB
107 State Endangered 11.6275 IXOBRYCHUS EXILIS LEAST BITTERN 108 State Endangered 11.6324 AGALINIS PURPUREA VAR. PARV SMALL PURPLE FOXGLOVE 109 State Threatened 11.6324 TOFIELDIA GLUTINOSA FALSE ASPHODEL 110 State Threatened 11.7209 EPILOBIUM STRICTUM SIMPLE WILLOW-HERB
108 State Endangered 11.6324 AGALINIS PURPUREA VAR. PARV SMALL PURPLE FOXGLOVE 109 State Threatened 11.6324 TOFIELDIA GLUTINOSA FALSE ASPHODEL 110 State Threatened 11.7209 EPILOBIUM STRICTUM SIMPLE WILLOW-HERB
109 State Threatened 11.6324 TOFIELDIA GLUTINOSA FALSE ASPHODEL 110 State Threatened 11.7209 EPILOBIUM STRICTUM SIMPLE WILLOW-HERB
110 State Threatened 11.7209 EPILOBIUM STRICTUM SIMPLE WILLOW-HERB
The State Inflationed This 250 E. Inches Inflation Committee Commi
TOTAL CLASSIC CONTRACTOR OF THE PARTY AND TH
111 State Threatened 12.0351 CLONOPHIS KIRTLANDII KIRTLAND'S SNAKE
112 State Threatened 12.2521 MYRIOPHYLLUM SIBIRICUM AMERICAN WATER-MILFOIL
113 State Endangered 12.7088 JUNCUS PLATYPHYLLUS FLAT-LEAVED RUSH
114 State Endangered 12.7819 CATOCALA GRACILIS GRACEFUL UNDERWING
115 State Threatened 12.7819 VACCINIUM OXYCOCCOS SMALL CRANBERRY
116 State Endangered 12.7819 EPIGLAEA APIATA POINTED SALLOW
117 State Threatened 12.7819 CAREX OLIGOSPERMA FEW-SEEDED SEDGE
118 State Threatened 12.8655 CAREX OLIGOSPERMA FEW-SEEDED SEDGE
119 State Endangered 12.9503 BOTAURUS LENTIGINOSUS AMERICAN BITTERN
120 State Endangered 13.1281 GLYCERIA ACUTIFLORA SHARP-GLUMED MANNA-GRASS
121 State Endangered 13.6450 SPARGANIUM CHLOROCARPUM SMALL BUR-REED
122 State Threatened 14.1215 CAREX OLIGOSPERMA FEW-SEEDED SEDGE
123 State Endangered 14.1215 LEDUM GROENLANDICUM LABRADOR-TEA
124 State Threatened 14.4031 EQUISETUM VARIEGATUM VARIEGATED SCOURING-RUSH
125 State Endangered 14.4650 CATHARUS GUTTATUS HERMIT THRUSH
126 State Endangered 14.4772 VERMIVORA CHRYSOPTERA GOLDEN-WINGED WARBLER
127 State Endangered 14.6189 WILSONIA CANADENSIS CANADA WARBLER
128 State Endangered 14.6189 CAREX ARCTATA DROOPING WOOD SEDGE



Division of Emergency & Remedial Response
GEOGRAPHIC INFORMATION SYSTEM 4-MILE RADIUS MAP

# Summit County Buckley Towing

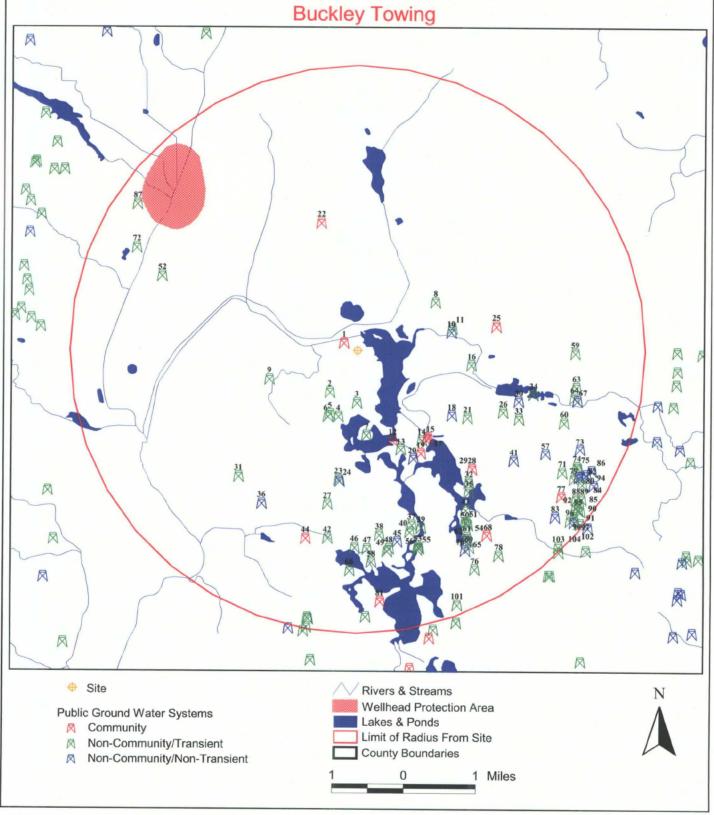




Division of Emergency & Remedial Response

GEOGRAPHIC INFORMATION SYSTEM 4-MILE RADIUS MAP

#### PUBLIC GROUND WATER SYSTEMS





Division of Emergency & Remedial Response

GEOGRAPHIC INFORMATION SYSTEM 15-MILE RADIUS MAP

#### NATURAL HERITAGE DATA

# **Buckley Towing**

